

Site: _____
Break: 1-2
Other: 1982

QUALITY ASSURANCE SAMPLING INVESTIGATION
GROUNDWATER MONITORING
OLIN CHEMICAL CORPORATION
MCINTOSH, ALABAMA

1 2 00001

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INTRODUCTION

A technical assistance groundwater sampling effort was conducted at the Olin Corporation located in McIntosh, Alabama during August 2-5, 1982 by Jim Kopotic and Brad Wallace of the U. S. Environmental Protection Agency (US-EPA), Environmental Services Division (ESD). Harold Taylor, Alabama Division of Solid and Hazardous Waste (AL-DSHW) was present during the investigation. Olin Corporation representatives were Bob Reams (Environmental Manager), Toni Odom (Environmental Technician), Carl Nelson (Specialist, Environmental Affairs), and Mike Bellotti (Environmental Technical Specialist). This project was initiated by the US-EPA, Region IV, Air and Waste Management Division (AWMD) in response to a request from the AL-DSHW.

The objectives of this study were to provide technical and analytical support to the AL-DSHW by evaluating the facility's groundwater monitoring program (well evacuation and sampling techniques) and by providing split sample analyses of a representative number of samples from Olin Corporation. ESD's analytical results will be used by the AL-DSHW for quality control comparison with the corresponding results provided by Olin Corporation based upon split sample analysis.

AREA

The Olin Corporation is located in Washington County near McIntosh, Alabama (Figure 1). The facility is bounded on the west by McIntosh, Alabama, on the north by Ciba-Geigy Chemical Corporation, on the east by the Tombigbee River, and on the south by residential dwellings (Figure 2).

The topography of the site, located within the Alabama Coastal Plain, is generally flat, approximately 40-50 feet above mean sea level. Area soils generally consist of surface sands and sandy loams, loams, sandy clay loams, silts and clays and grade progressively downward to alluvial deposits of thinly bedded clays, sandy silts, coarse sands, and gravel. Sands and shales of Miocene age continue from 400 to 1,000 feet, underlain by Oligocene and older limestone (1).

Unique to Washington County is the McIntosh salt dome which was discovered in 1945 by ~~Elf~~ Refining Company. The dome comes to within 410 feet of the ground surface and is approximately one mile in diameter (2). The salt dome is located to the west of the Olin facility and beneath the McIntosh community.

BACKGROUND

Plant Process

The Olin facility, constructed in the early 1950's, was originally designed as a chlor-alkali plant. The original process operations consisted of injecting water into the salt dome and returning the brine solution to the surface where

it was used in mercury cathode cells to produce chlorine gas and caustic soda. The used brine solution would then be reinjected into the salt dome to dissolve more salt. Olin presently uses diaphragm cells to produce chlorine and caustic soda. The salt dome is still used as the source of brine.

A ~~pesticide~~/organic plant was constructed in 1956 and began production of pentachloroanisolebenzene (PCNB). It was later expanded to include the production of trichloroacetonitrile (TCAN) and 5-ethoxy-3-trichloromethyl-1,2,4-thiadiazole (Terrozole). From 1956 to 1981, Olin Corporation produced chlorine, caustic soda, PCNB, TCAN, and Terrozole. Between August and December 1981, the organic plant and mercury cathode cells were shut down. Current production includes chlorine, caustic soda, sodium chlorate, sodium hypochlorite, and sodium chloride.

Groundwater Monitoring System

Prior to May 1982, the groundwater monitoring system at the Olin McIntosh plant consisted of 43 monitoring wells; 31 of which were general study wells and 12 which were installed to comply with RCRA regulations. Based on information provided by Soil and Material Engineers (Olin's groundwater consultant), Olin Corporation installed 32 additional groundwater monitoring wells constructed with 2-inch PVC casing. This work began in May 1982 and was completed in August 1982.

RESULTS AND DISCUSSION

General

The Olin Corporation scheduled a round of sampling of all of their monitoring wells during the first week of August 1982. This technical assistance effort was timed to coincide with the Olin sampling program.

This effort consisted of observing the Olin sampling protocol and splitting samples from selected wells. Because of the large number (75) of monitoring wells to be sampled by Olin personnel, 14 wells were selected by US-EPA personnel for split sample analyses. The monitoring wells were chosen on the basis of location, with respect to the suspected sources of contamination located within the plant process area (Figure 3), and the analytical data from a previous sampling investigation conducted by Olin Corporation during January 1982. The samples split with Olin, with the exceptions noted, were obtained by Olin using sampling procedures described in the Methodology Section of this report.

It should be noted that the sample from monitoring well OC-LP4 was collected by US-EPA personnel and split between Olin and US-EPA. Monitoring well OC-OLI was sampled by US-EPA personnel and was not split with Olin.

A potable well sample was collected from the Ciba-Geigy plant which is located adjacent and to the north of the Olin facility (Figure 1). This sample was collected to determine if the Ciba-Geigy potable water supply had been contaminated.

The data tables attached to this report summarize the materials detected, and field observations/measurements for those monitoring wells sampled by US-EPA. Tables 1 and 2 list the inorganic and organic compounds detected in the samples collected and analyzed by US-EPA. Table 3 contains the analytical results

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from the Superfund Notification of On-Site Hazardous Materials (US-EPA Form 8900-1) submitted by Olin Corporation and received by US-EPA, Region IV, June 9, 1981. The concentration values are from the US-EPA analytical results (Appendix A). Tables 4 and 5 list field measurements (pH, conductivity, etc.) and well data (elevations, well depths, etc.) for the monitoring wells. Table 6 contains the compounds included on the list "EPA Health Advisory Levels." Table 7 is the national drinking water standards for interim and secondary drinking water criteria. Olin Corporation analytical results are not included or discussed.

Evaluation of Olin's Sampling Protocol

The investigation revealed several possible problems with the Olin Corporation sampling protocol/handling procedures (refer to Methodology Section for detailed description of the methodology) including:

1. Olin's sampling protocol specified that samples were to be collected directly from the gas operated bladder pump used to evacuate the monitoring wells. This type of equipment, due to the rubber bladder and plastic sampling line, could contaminate the samples. Also, it is difficult to clean this equipment in the field. Unless cleaned properly, the bladder pump could be a source of cross-contamination between monitoring wells. However, this potential problem was minimized by Olin's practice of sampling from reported uncontaminated to contaminated areas. Distilled water was used by Olin personnel to rinse the outside of the pump and line and to pump one volume of distilled water through the bladder pump and discharge line prior to sampling each well. It is not possible to determine if this cleaning procedure was adequate.
2. With the exception of volatile organic analyses, Olin personnel vacuum filtered each sample prior to relinquishing them to the Olin laboratory for analyses. This practice could adversely affect both the metals and organic analyses. If solids were present in the sample, it would be possible for certain organics and metals to be sorbed to the solid particles and thus be removed by the filtering process.

It should be noted that the US-EPA portion of the split samples were not filtered. Thus, while the Olin and US-EPA analytical data may not be directly comparable, they will provide the AL-DSHW a basis on which to judge the effects of filtration on the samples split with the US-EPA.

In an attempt to determine if Olin's sampling methodology (but not vacuum filtration process) affected the analytical results, additional samples were collected from monitoring wells OC-MP12, OC-PH3, OC-WP4, and OC-BR8 using US-EPA, Region IV groundwater monitoring well sampling protocol (4). These samples were collected after the wells had been evacuated by Olin personnel using the bladder pump and regular split samples had been collected. Special samples were collected from these wells by US-EPA personnel using a clean stainless steel bailer. These additional samples have been designated with the letter "D" following the well station identification (example: OC-MP12D). When comparing the results for metal analyses, several wells exhibited higher concentrations in the additional samples collected, via the stainless steel bailer, than those from the same well which were collected from the bladder pump. This increase might be attributed to the bailer picking up clays and silts stirred up by the bailing process. Also, it is doubtful that the bladder pump, with a pumping

rate of less than 2 feet per second, would pick up clays and silts, but would instead allow them to settle out. Because of the limited number of samples collected, it is not possible to determine if Olin's sampling procedure was adequate. At this stage a comparison of the Olin and US-EPA sampling methods, utilizing ~~the~~ US-EPA analytical data, would be inconclusive (Tables 1 and 2).

Monitoring Well Data

For the purpose of this discussion, the Olin monitoring wells have been grouped into Zones I and II (Figure 4), based upon the number of compounds detected, and their concentrations. Zone I and II is not an Olin designation. Zone I contains monitoring wells OC-WE4, OC-WP4, OC-WP9, OC-WW8, OC-PE2, OC-PH3, OC-E1, OC-E2, and OC-MP12 which contained fewer compounds at lower concentrations. Zone II wells OC-OL1, OC-LP4, OC-BR8, OC-LP1, OC-WP3, and OC-WE3 contained more compounds at higher concentrations. These judgments were based on the number of compounds and the concentration levels compared to control well OC-WE4. The sample collected at Ciba-Geigy was from the facility's drinking water supply well, therefore, it was not included in either zone and is discussed separately.

Zone I Monitoring Wells

Monitoring well OC-WE4, located northeast of the process area, was used as the control well for this investigation (Figure 3). The split sample collected from this well contained the least number of compounds at the lowest concentrations. Four metals (lead, 61 ug/l; aluminum, 300 ug/l; manganese, 22 ug/l; and iron, 320 ug/l) and two organic compounds (chlorobenzene, <10 ug/l; and acrylonitrile, <100 ug/l) (Tables 1 and 2) were detected. Lead (61 ug/l) exceeded the maximum allowable concentration (50 ug/l) criteria for drinking water (Table 7) (3).

The number of metals detected in the samples collected from the monitoring wells in Zone I varied only slightly between wells. Lead, iron, and manganese were detected in each well (Table 1). Zinc and aluminum were detected in most of the wells. Chromium was detected in samples OC-PH3D (14 ug/l), OC-E1 (17 ug/l), OC-WP9 (16 ug/l), OC-MP12 (36 ug/l), OC-MP12D (52 ug/l), OC-WP4 (58 ug/l), and OC-WP4D (27 ug/l). Chromium has a maximum allowable concentration of 50 ug/l in the Primary Drinking Water Regulations (Table 7) (3).

With the exception of well OC-E1, lead was detected in every well at concentration levels exceeding the maximum allowable primary drinking water criteria concentration of 50 ug/l (Table 7) (3). The only Zone I well sample that contained arsenic (60 ug/l) and mercury (0.33 ug/l) was OC-PH3D.

A total of 16 organic compounds (excluding the miscellaneous and unidentified compounds), were detected in the Zone I wells. Only nine compounds were positively identified and quantified (Table 2). The extractable organic compounds, di-n-butylphthalate and bis (2-ethylhexyl) phthalate were detected in sample OC-MP12 at 60 ug/l and 11 ug/l, respectively. However, these two compounds were not detected in the additional sample (OC-MP12D). 1,4-Dichlorobenzene (19 ug/l) and 1,2-dichlorobenzene (18 ug/l) were detected in sample OC-WP4, but were not detected in the additional sample (OC-WP4D).

Four purgeable organic compounds were detected above the minimum quantifiable detection limit. They were toluene (23 ug/l) in well OC-El, methylene chloride (39 ug/l) in sample OC-MP12D (well OC-MP12), chlorobenzene (13 and 15 ug/l) in wells OC-WW8 and OC-WP4, respectively, and carbon tetrachloride (17 ug/l) in well OC-WP9. The two purgeable organic compounds, chlorobenzene and acrylonitrile, detected in the control well were below the minimum detection limit.

Zone II Monitoring Wells

The number of metals detected and their concentration in the wells from Zone II were elevated in comparison to the metals concentrations detected in the control well (OC-WE4). High concentrations of aluminum (220,000 ug/l), manganese (1,000 ug/l), and iron (68,000 ug/l) were detected in the sample from well OC-OL1, located in the process area directly east of the old inactive plant landfill (Table 1). Samples from this well had a pH of 2.6 and conductivity of 4,100 umhos/cm. Chromium (120 ug/l), lead (130 ug/l), and mercury (7.6 ug/l) concentrations exceeded the primary drinking water criteria in this sample (3). Arsenic was detected at 40 ug/l.

The remaining wells, located west of OC-OL1, contained lead at concentrations ranging from 64 ug/l in well OC-LP4 to 760 ug/l in well OC-WP3. Chromium was detected at the highest concentration in well OC-LP1 (290 ug/l). Mercury ranged from 0.31 ug/l in well OC-WE3 to 11 ug/l in well OC-BR8.

Monitoring well OC-OL1 contained 30 organic compounds, 17 of which were above the minimum quantifiable level. Organic compounds with some of the higher concentrations detected were 1,4-dichlorobenzene (160 ug/l), 1,2-dichlorobenzene (250 ug/l), 1,2,4-trichlorobenzene (120 ug/l), naphthalene (200 ug/l), chloroform (16,000 ug/l), and benzene (190 ug/l). Three pesticides, beta, gamma, and delta BHC were detected at 65 ug/l, 37 ug/l, and 6.5 ug/l, respectively, in samples collected from well OC-OL1.

Although monitoring well OC-LP4 did not contain as many organic compounds as did OC-OL1, 1,4-dichlorobenzene (6,600 ug/l), 1,2-dichlorobenzene (5,800 ug/l), 1,3-dichlorobenzene (350 ug/l), 1,2,4-trichlorobenzene (790 ug/l), benzene (450 ug/l), and chlorobenzene (8,800 ug/l) were detected at concentrations many times greater.

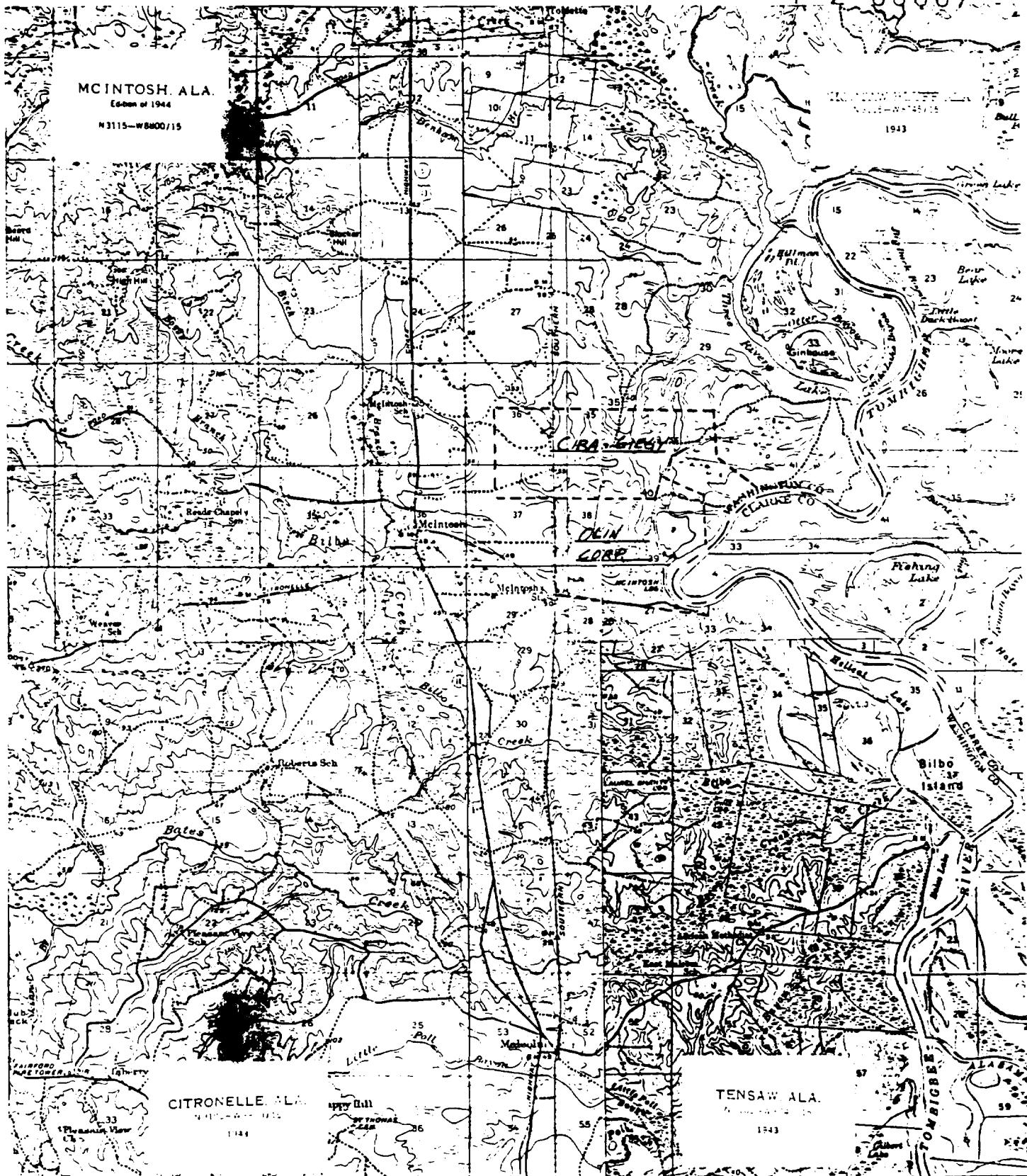
Benzene (26 ug/l), chlorobenzene (480 ug/l), and beta (1.9 ug/l), gamma (0.7 ug/l), and delta (0.5 ug/l) BHC, were detected above minimum quantifiable detection limits in monitoring well OC-LP1. Chloroform was detected at an estimated concentration of 130 ug/l in monitoring well OC-LP1 and was positively identified and quantified in well OC-BR8 at 470 ug/l. The predominant organic compounds detected above minimum quantifiable detection limits in monitoring wells OC-~~LP4~~ and OC-BR8 were 1,4-dichlorobenzene, 1,2-dichlorobenzene, chloroform, benzene, and chlorobenzene. See Table 2 for concentration levels. The only well (Zone II) to contain di-n-butylphthalate (250 ug/l) above minimum quantifiable limits was OC-BR8.

REFERENCES

1. Tucker, William E. and Robert E. Kidd, 1973. Deep-Well Disposal in Alabama. Geological Survey of Alabama, Bulletin 104.
2. Copeland, C. W., 1968. Geology of the Alabama Coastal Plain. Geological Survey of Alabama, Circular 47.
3. National Interim Primary Drinking Water Regulations (EPA-570/9-76-003); U. S. Environmental Protection Agency, Office of Drinking Water.
4. Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); U. S. Environmental Protection Agency, Region IV, Surveillance and Analysis Division; August 29, 1980.
5. Analytical Support Branch Operations and Quality Assurance Manual; U. S. Environmental Protection Agency, Region IV, Environmental Services Division; April 1982.
6. "Identification and Listing of Hazardous Waste;" Federal Register (Vol. 45, No. 98, Part 261); Monday, May 19, 1980 (as amended).

FIGURE 1

2.00007



FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
U.S. GEN. AND REGIONAL TOPOGRAPHIC MAPS AND SURVEY DATA AVAILABLE ON REQUEST

Ciba-Geigy Potable Well Supply

1 2 00008

The potable water supply well sampled at Ciba-Geigy (CG-001) contained 16 metals. Manganese was positively identified and quantified at a concentration of 1.0 ug/l. Manganese, detected at 170 ug/l, exceed the maximum allowable concentration of 100 ug/l for drinking water, based upon the secondary drinking water criteria (Table 2). Cyanide was detected at a concentration less than the quantifiable minimum detection limit of 2 ug/l. Three pesticides, alpha, gamma, and delta BHC, were positively identified and quantified at concentrations of 2.3 ug/l, 4.2 ug/l, and 3.9 ug/l, respectively. See attached Tables 1 and 2.

METHODOLOGY

Split Sample Collection Between Olin and US-EPA

Prior to sample collection, individual well volumes were calculated and three well volumes were evacuated by Olin personnel using a gas operated bladder pump. At the point when split samples were to be collected, a discharge aliquot from the pump would be placed in the appropriate sample container. The discharge pulse was alternated between Olin and US-EPA sample containers until both containers were full. Olin Corporation and US-EPA both supplied their own sample containers. Distilled water was used by the Olin personnel to rinse the pump, both inside and out, before re-use.

Olin personnel pumped the samples for purgeable organic compounds into septum vials. The samples for the remaining compounds (organic and inorganics) were pumped into gallon amber glass jugs. The samples were then transported to a sample preparation station, vacuum filtered, and placed back into the amber glass containers to be shipped to Olin's laboratory. This procedure was followed by Olin personnel at each sampling station (monitoring well). Note: The samples for purgeable organic compounds were not filtered.

The US-EPA portion of the split samples were pumped directly into their perspective containers. Once collected the US-EPA split samples were handled by US-EPA personnel via standard operating and chain-of-custody procedures (4).

Samples Collected by US-EPA Personnel

All sample preservation and chain-of-custody procedures used during this investigation were in accordance with the standard operating procedures specified in the Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); United States Environmental Protection Agency, Region IV, Environmental Services Division, August 29, 1980. All samples collected by US-EPA personnel were collected using the procedures as outlined in this document.

All laboratory analyses and quality assurance procedures were in accordance with standard procedures and protocols as specified in the Analytical Support Branch Operations and Quality Assurance Manual, United States Environmental Protection Agency, Region IV, Environmental Services Division, April 1982, or as specified by the existing United States Environmental Protection Agency standard procedures and protocols for the contract analytical laboratory program.

FIGURE 2
GENERAL HIGHWAY MAP
WASHINGTON COUNTY, ALABAMA

2-00009

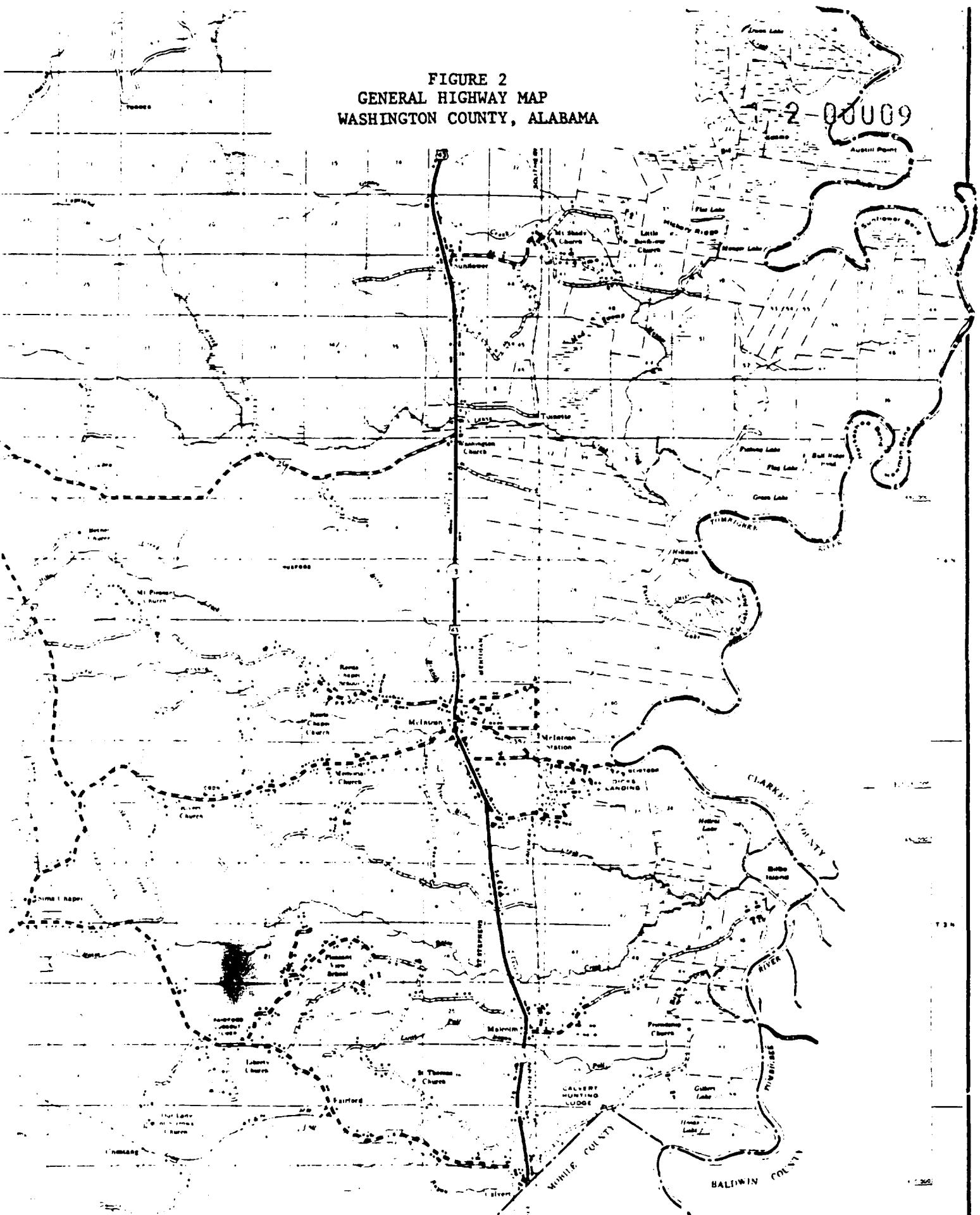
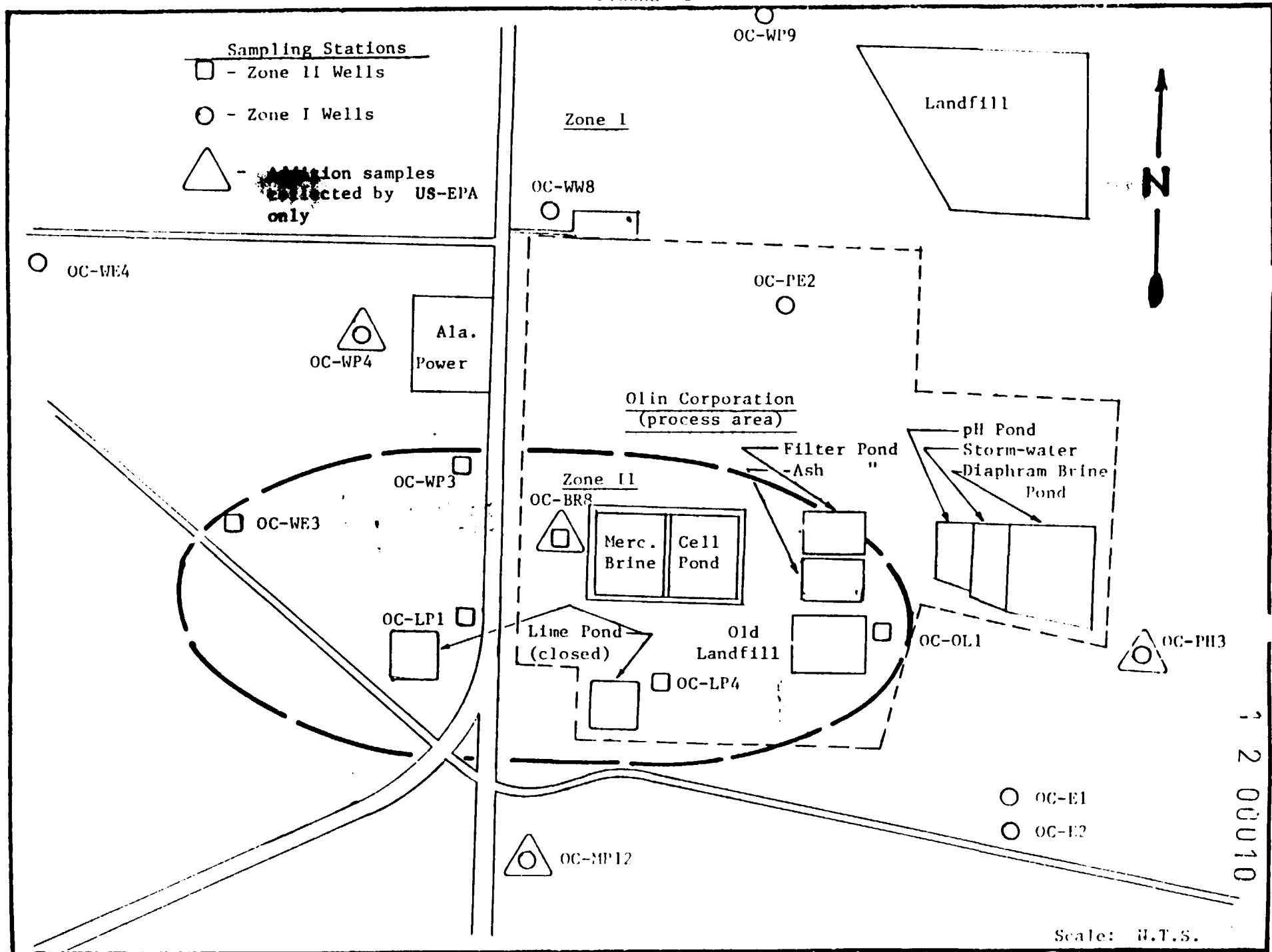


FIGURE 3



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TABLE 1
 CYANIDE AND METALS DETECTED (ug/l)
 GROUNDWATER MONITORING WELLS
 OLIN AND CIBA GEIGY CORPORATIONS
 MCINTOSH, ALABAMA
 AUGUST 1982

	OLIN ZONE I WELLS											
	OC-E1	OC-E2	OC-NP12	OC-MP12D	OC-WP4	OC-WP4D	OC-WWD	OC-WP9	OC-PF2	OC-WE3	OC-WE4	OC-WE5
Chromium	17	—	36	52	58	27	—	16	—	—	14	—
Lead	48	88	88	100	100	100	59	100	69	97	250	61
Zinc	30	32	—	81	85	120	—	28	14	36	310	—
Aluminum	3,000	680	5,600	8,300	15,000	8,500	—	5,700	680	4,000	17,000	300
Manganese	35	23	76	220	140	86	21	96	67	—	88	22
Calcium	—	—	—	—	—	—	—	—	—	—	—	—
Iron	1,600	1,400	3,700	6,900	39,000	23,000	1,500	9,000	1,500	2,000	52,000	320
Magnesium	—	—	—	—	—	—	—	—	—	—	—	—
Cadmium	—	—	5	6	—	—	—	—	—	—	—	—
Sodium	—	—	—	—	—	—	—	—	—	—	—	—
Beryllium	—	—	—	10	—	—	—	—	—	—	—	—
Arsenic	—	—	—	—	—	—	—	—	—	—	60	—
Barium	—	—	—	—	—	—	—	—	150	280	—	540
Cobalt	—	—	—	—	—	—	—	—	—	—	—	—
Copper	—	—	—	—	—	—	—	—	—	—	—	—
Nickel	—	—	—	—	60	—	—	—	—	—	130	90
Mercury	—	—	—	—	—	—	—	—	—	—	—	0.33
Tin	—	—	—	—	—	—	—	—	—	—	—	35
Selenium	—	—	—	—	—	—	—	—	—	—	—	—
Silver	—	—	—	—	—	—	—	—	—	—	—	—
Strontium	—	—	—	—	—	—	—	—	—	—	—	—
Titanium	—	—	—	—	—	—	—	—	—	—	—	—
Yttrium	—	—	—	—	—	—	—	—	—	—	—	—
Cyanide	—	—	—	—	—	—	—	—	—	—	—	—
	OLIN ZONE II WELLS							CIBA GEIGY CG-11				
	OC-WE3	OC-LPI	OC-BRB	OC-BRD	OC-WP3	OC-LP4	OC-WL1	CG-11	CG-11	CG-11	CG-11	CG-11
Chromium	—	290	—	—	43	—	120	—	—	—	—	—
Lead	90	220	350	380	760	64	130	—	—	—	—	—
Zinc	450	950	680	890	690	230	430	—	—	—	22	—
Aluminum	3,500	61,000	120,000	120,000	32,000	7,700	220,000	—	—	—	170	—
Manganese	820	2,500	1,600	1,600	2,300	2,100	1,000	—	—	—	170	—
Calcium	—	—	—	—	—	—	—	—	—	—	2,900	—
Iron	1,700	60,000	370	8,300	9,000	5,700	68,000	—	—	—	70	—
Magnesium	—	—	—	—	—	—	—	—	—	—	1,800	—
Cadmium	12	10	20	25	170	—	7	—	—	—	—	—
Sodium	—	—	—	—	—	—	—	—	—	—	6,200	—
Beryllium	22	—	38	45	62	12	—	—	—	—	—	—
Arsenic	—	43	37	34	—	—	40	—	—	—	—	—
Barium	250	600	130	180	—	—	—	—	—	—	98	—
Cobalt	180	360	450	580	860	380	—	—	—	—	16	—
Copper	120	88	62	77	86	—	320	—	—	—	5	—
Nickel	220	180	290	340	820	110	160	—	—	—	9	—
Mercury	0.31	0.6	11	10	5.4	4.7	7.6	—	—	—	1.0	—
Tin	22	—	280	130	7,600	—	79	—	—	—	—	—
Selenium	—	—	—	3	4	—	—	—	—	—	—	—
Silver	—	—	—	—	48	—	—	—	—	—	—	—
Strontium	—	—	—	—	—	—	—	—	—	—	—	—
Titanium	—	—	—	—	—	—	—	—	—	—	—	—
Yttrium	—	—	—	—	—	—	—	—	—	—	—	—
Cyanide	—	—	—	—	—	—	—	—	—	—	—	—

NOTES: (-) - A dash in the table indicates that the compound/element was analyzed for but was not detected at or above the minimum quantifiable limit (MQL). The MQL's vary from sample to sample and from parameter to parameter; see analytical data sheets (Appendix A) for exact values.

1 2 00012

TABLE 2
 ORGANIC COMPOUNDS DETECTED (ug/l)
 GROUNDWATER MONITORING WELLS
 OLIN AND CIBA GEIGY CORPORATIONS
 MCINTOSH, ALABAMA
 AUGUST 1982

	OLIN ZONE I WELLS*											
	OC-E1	OC-E2	OC-NP12	OC-NP12D	OC-WP6	OC-WP4D	OC-Ww8	OC-WP9	OC-PE2	CC-PH3	OC-PH10	
<u>Extractable Organics</u>												
1,4-Dichlorobenzene	—	<10	<10	—	19	—	—	—	—	—	—	—
Phenol	—	14J	—	20J	—	—	—	—	—	—	—	—
Di-n-butylphthalate	—	—	60	—	—	—	—	—	—	—	—	—
Bis (2-ethylhexyl) phthalate	—	—	11	—	—	—	<10	—	—	—	<10	<10
Di-n-octylphthalate	—	—	<10	—	—	—	—	—	—	—	—	—
2,4-Dichlorophenol	—	—	—	—	—	—	—	—	—	—	—	—
1,3-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichlorobenzene	—	—	—	—	18	—	—	—	—	—	—	—
1,2,4-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—
Hexachlorobenzene (HCB)	—	—	—	—	—	—	—	—	—	—	—	—
2-Chlorophenol	—	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	—	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	—	—	—	—	—	—	—	—	—	—	—	—
Fluorene	—	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	—	—	—	—	—	—	—	—	—	—	—	—
Anthracene	—	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	—	—	—	—	—	—	—	—	—	—	—	—
<u>Pesticides/PCB's</u>												
Alpha-BHC	—	—	—	—	—	—	—	—	—	—	—	—
Beta-BHC	—	—	—	—	—	—	—	—	—	—	—	—
Gamma-BHC (lindane)	—	—	—	—	—	—	—	—	—	—	0.2	—
Delta (BHC)	—	—	—	—	—	—	—	—	—	—	—	—
<u>Purgeable Organics</u>												
1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	—	—	—	—	—	—	—	—	—	<10	—	—
Trans-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	<10	<10	—	—	<10	<10	—	<10	<10	<10	<10	<10
1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	—	<10	<10	<10
Carbon tetrachloride	—	—	—	—	—	—	—	—	—	17	<10	—
Bromodichloromethane	—	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	—	—	—	—	—	—	—	—	—	—	—	—
Benzene	—	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	—	—	—	—	—	—	—	—	—	—	—	—
Chlorobenzene	<10	—	—	—	15	—	13	—	—	<10	<10	—
Acrylonitrile	<100	—	—	—	—	—	<100	<100	—	<100	<100	—
Toluene	23	—	—	—	—	—	—	—	—	—	—	—
Ethyl Benzene	<10	—	—	—	—	<10	—	<10	—	<10	<10	—
Methylene Chloride	—	—	—	39	—	—	—	—	—	—	—	—
Bromotorm	—	—	—	—	—	—	—	—	—	—	—	—
Dibromochloromethane	—	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—	—
<u>Miscellaneous Analysis</u>												
Propazine	—	—	—	—	—	—	—	—	—	—	—	—
Prometryn	—	—	—	—	—	—	—	—	—	—	—	—
Chlorocyclohexane	N	—	—	—	—	—	—	—	—	—	—	—
Bicyclohexyl	—	N	N	—	—	—	—	N	—	—	—	—
Petroleum Product	—	—	—	—	—	—	—	—	—	—	—	—
Tetrachlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—
Pentachlorobenzene	—	—	—	—	—	—	—	—	—	—	—	—
Trichlorobenzene (Not 1,2,4)	—	—	—	—	—	—	—	—	—	—	—	—
Fluorobiphenyl	—	—	—	—	—	—	—	—	—	—	—	—
Pentachloronitrobenzene	—	—	—	—	—	—	—	—	—	—	—	—
Bromobenzene	—	—	—	—	—	—	—	—	—	—	—	—
Thiobisphenzene	—	—	—	—	—	—	—	—	—	—	—	—
Trichlorofuran	—	—	—	—	—	—	—	—	—	—	—	—
Dichlorocyclonexane	—	—	—	—	—	—	—	—	—	—	—	—
Unidentified compound(s)	--	3	1	2	2	—	1	1	1	3	2	—

NOTE: (--) - A dash in the table indicates that the compound/element was analyzed for but was not detected at or above the minimum quantifiable limit (MQL). The MQL's vary from sample to sample and from parameter to parameter; see analytical data sheets (Appendix A) for exact values.

(-) - Less than MQL.

J - Estimated value.

N - Presumptive evidence of presence of material.

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TABLE 2 (CONTINUED)

	ZONE I WELL OC-WE4	OLIN ZONE II WELLS							CIBA GCIC OC-1
		OC-WE3	OC-LP1	OC-RK8	OC-BR8D	OC-WP3	OC-LF+	OC-UL1	
<u>Extractable Organics</u>									
1,4-Dichlorobenzene	—	—	—	—	—	—	—	—	—
Phenol	—	430	—	91	130	<10	6,600	160	—
Di-n-butylphthalate	—	—	—	—	—	<10	21J	<25	—
Bis (2-ethylhexyl) phthalate	—	<10	—	250	—	<10	—	<10	—
Di-n-octylphthalate	—	<10	<10	<10	<10	<10	26	<10	—
2,4-Dichlorophenol	—	—	—	<10	<10	—	—	—	—
1,3-Dichlorobenzene	—	—	13J	—	—	—	87	<25	—
1,2-Dichlorobenzene	—	<10	—	—	<10	—	350	10	—
1,2,4-Trichlorobenzene	—	180	—	75	110	<10	5,800	250	—
Hexachlorobenzene (HCB)	—	24	—	—	—	—	790	120	1.2J
2-Chlorophenol	—	—	—	—	—	—	—	36	—
Naphthalene	—	—	—	—	—	—	120	<25	—
Acenaphthene	—	—	—	—	—	—	—	200	—
Fluorene	—	—	—	—	—	—	—	11	—
Phenanthrene	—	—	—	—	—	—	—	<10	—
Anthracene	—	—	—	—	—	—	—	10J	—
Fluoranthene	—	—	—	—	—	—	—	10J	—
—	—	—	—	—	—	—	—	<10	—
<u>Pesticides/PCB's</u>									
Alpha-BHC	—	—	1.8N	—	0.8	3.2	—	50	—
Beta-BHC	—	—	—	1.9	—	—	—	—	2.3
Gamma-BHC (lindane)	—	—	2.5N	0.7N	2.4	5.0N	—	50	65
Delta (BHC)	—	—	0.2	0.5	0.2N	1.3N	—	37	4.1
—	—	—	—	—	—	—	—	6.5	3.9
<u>Purgeable Organics</u>									
1,1-Dichloroethene	—	—	—	—	<10	<10	<10	<10	—
1,1-Dichloroethane	—	—	—	—	<10	<10	<10	<10	—
Trans-1,2-Dichloroethene	—	—	—	<10	<10	<10	<10	<10	—
Chloroform	—	—	320	130J	470	420	130	250 16,000	1J
1,1,1-Trichloroethane	—	—	—	—	—	—	—	<10	—
Carbon tetrachloride	—	<10	10J	<10	<10	—	<10	18	—
Bromodichloromethane	—	<10	10J	<10	<10	<10	<10	<10	—
Trichloroethene	—	<10	—	<10	<10	<10	<10	<10	—
Benzene	—	52	26	11	—	<10	<10	<10	—
Tetrachloroethene	—	<10	—	—	<10	<10	450	190	—
Chlorobenzene	<10	580	480	49	42	<10	<10	<10	—
Acrylonitrile	<100	—	—	—	—	—	8,600	160	3J
Toluene	—	—	—	—	—	—	—	—	—
Ethyl Benzene	—	—	—	<10	—	—	—	—	—
Methylene Chloride	—	—	—	—	—	—	—	—	—
Bromoform	—	<10	—	—	—	—	—	200	—
Dibromochloromethane	—	—	—	<10	<10	<10	—	—	—
1,2-Dichloroethane	—	—	—	—	—	—	—	<10	—
<u>Miscellaneous Analysis</u>									
Propazine	—	—	—	—	—	—	—	—	—
Prometryn	—	—	—	—	—	—	—	—	10JN
Chlorocyclohexane	—	—	—	—	—	—	—	—	10JN
Bicyclohexyl	—	—	—	—	—	—	—	—	—
Petroleum Product	—	—	—	—	—	—	—	—	—
Tetrachlorobenzene	—	—	—	—	—	N	—	N	—
Pentachlorobenzene	—	—	N	—	—	N	—	N	N
Trichlorobenzene (Not 1,2,4)	—	—	—	N	N	—	N	N	N
Fluorodiphenyl	—	—	—	—	N	—	N	N	—
Pentachloronitrobenzene	—	—	—	—	N	—	N	N	—
Bromobenzene	—	—	—	—	—	—	N	N	—
Thiobisbenzene	—	—	—	—	—	—	N	N	—
Trichloroproppane	—	—	—	—	—	—	—	N	—
Dichlorocyclohexane	—	—	—	—	—	—	—	N	—
Unidentified compound(s)	4	2	2	4	4	2	2	4	—

NOTATIONS: (-) - A dash in the table indicates that the compound/element was analyzed for but was not detected at or above the minimum quantifiable limit (MQL). The MQL's vary from sample to sample and from parameter to parameter; see analytical data sheets (Appendix A) for exact values.

(<) - Less than MQL.

J - Estimated value.

N - Presumptive evidence of presence of material.

TABLE 3
SUPERFUND NOTIFICATION OF ON-SITE HAZARDOUS MATERIALS
OLIN CORPORATION
MCINTOSH, ALABAMA
JUNE 1981

Well Olin	Mercury (RCRA No. D009)	Benzochlorobenzene (RCRA No. 0127)	Chlorobenzene (RCRA No. D037)	1,2-Dichlorobenzene (RCRA No. D070)	1,3-Dichlorobenzene (RCRA No. D071)	Pentachloronitrobenzene (RCRA No. D185)
OC-E1	--	--	<10	--	--	--
OC-E2	--	--	--	--	--	--
OC-MP12	--	--	--	--	--	--
OC-MP12D	--	--	--	--	--	--
OC-LP1	0.6	--	480	--	--	--
OC-WL4	--	--	<10	--	--	--
OC-WR8	--	--	13	--	--	--
OC-GP9	--	--	--	--	--	--
OC-PI2	--	--	<10	--	--	--
OC-PI3	--	--	<10	--	--	--
OC-PH3D	0.33	--	--	--	--	--
OC-GE3	0.31	--	580	180	<10	--
OC-WP4	--	--	15	18	--	--
OC-WP4D	--	--	--	--	--	--
OC-BR8	11	--	49	75	--	--
OC-BR8D	10	--	42	110	<10	--
OC-MP3	5.4	--	<10	<10	--	--
OC-LP4	4.7	12	8,800	5,800	350	N
OC-OL1	7.6	36	160	250	10	--

Other Det.

CG-001	1.0	--	33	--	--	--
--------	-----	----	----	----	----	----

Notes: 1. The compounds listed on this table are those that Olin Corporation had included in written response (US-EPA Form 8900-1) to EPA as required by Section (C) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA; Superfund). Each compound is listed under Section 3001 of the Resources Conservation and Recovery Act (RCRA). Not included on the table is RCRA Number K085 (distillation or fractionation column bottoms from the production of chlorobenzenes) which includes dichlorobenzenes through hexachlorobenzenes, benzyl chloride, benzene, and monochlorobenzene. See the attached tables and data sheets for a complete list of chlorinated benzene compounds and other organic compounds detected.

2. J -- Estimated value.

3. N -- Presumptive evidence of presence of material.

20014

TABLE 4
FIELD MEASUREMENTS/SAMPLE METHODOLOGY
GROUNDWATER MONITORING WELLS
OLIN CORPORATION
MCINTOSH, ALABAMA
AUGUST 1982

<u>Well</u>	<u>Sample Date/Time</u>	<u>pH*</u>	<u>Temperature*</u> (°C)	<u>Conductivity*</u> (umhos/cm)	<u>Sample Methodology</u>
<u>Olin Corporation</u>					
OC-E1	8/2/82 1545	7.4	22	360	Split ¹
OC-E2	8/2/82 1645	7.3	27	80	Split ¹
OC-MP12 (OC-MP12D)	8/3/82 1140	7.5	26	280	Split ¹
	8/3/82 1215				Additional sample from well OC-MP12 (US-EPA only) ²
OC-LP1	8/3/82 1445	7.0	26	2,100	Split ¹
OC-WE4	8/3/82 1620	4.1	--	43	Split ¹
OC-WM8	8/4/82 0835	5.5	21	370	Split ¹
OC-WP9	8/4/82 1000	5.0	21	70	Split ¹
OC-PE2	8/4/82 1220	4.5	23	130	Split ¹
OC-PH3 (OC-PH3D)	8/4/82 1100	4.0	22	90	Split ¹
	8/4/82 1130				Additional sample from well OC-PH3 (US-EPA only) ²
OC-WE3	8/4/82 1345	3.7	23	4,900	Split ¹
OC-WP4 (OC-WP4D)	8/5/82 1010	6.4	23	150	Split ¹
	8/5/82 1040				Additional sample from well OC-WP4 (US-EPA only) ²
OC-BR8 (OC-BR8D)	8/5/82 0930	6.7	29	1,400	Split ¹
	8/5/82 0950				Additional sample from well OC-BR8 (US-EPA only) ²
OC-WP3	8/5/82 1340	4.8	--	1,650	Split ¹
OC-LP4	8/5/82 1500	6.0	--	800	Split ¹
OC-OL1	8/5/82 1550	2.6	25	4,100	Sample collected by US-EPA only
<u>Ciba-Geigy</u>					
CG-001	8/2/82 1100	7.1	--	--	Sample collected by US-EPA -- Split between Ciba-Geigy and US-EPA

Footnotes:

-- Not available.

* Measurements made by US-EPA personnel using US-EPA equipment.

1. Well evacuated by Olin personnel via bladder pump; sample split between Olin and US-EPA.

2. The bladder pump used by Olin Corporation to collect monitoring well samples did not comply with US-EPA sampling protocol. Therefore, an additional sample from the same well was collected by US-EPA personnel, via stainless steel bailer, for analytical comparison between the two methods (see reference 4).

3. Sample collected by US-EPA personnel via US-EPA stainless steel bailer; sample split between Olin and US-EPA.

200015

TABLE 5
WELL DATA *
GROUNDWATER MONITORING WELLS
OLIN CORPORATION
MCINTOSH, ALABAMA
AUGUST 1982

<u>Well</u>	<u>Elevation (ft.)</u> <u>T. of Casing</u> <u>(MSL)</u>	<u>Ground</u> <u>(Approx.)</u>	<u>Well Depth (ft.)</u> <u>T. of Casing</u>	<u>Water Table Depth (ft.)</u> <u>T. of Casing</u>
OC-E1	48.39	46	85	35.5
OC-E2	48.46	47	50	35.3
OC-MP12	52.45	51	72	43.0
OC-LP1	47.65	46	39.7	36.4
OC-WE4	51.38	48	52.5	48.1
OC-WW8		43	340	
OC-WP9	47.44	45	49.8	31.2
OC-PE2	46.71	43	40.3	33.3
OC-PH3	36.15	33	30.8	24.8
OC-WE3	55.73	52	52.6	50.7
OC-WP4	54.61	52	70.3	44.2
OC-BR8	49.48	46	53.1	37.5
OC-WP3	52.94	51	95	42.6
OC-LP4	50.69	46	41.7	38.4
OC-OL1	44.04	39	39.5	30.8

* Information supplied by Olin Corporation.

20016

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TABLE 6
EPA HEALTH ADVISORY LEVELS*

	Considers Acute Toxicity (Values in mg/l = ppm)			Considers Cancer Causing Agents
	1 Day	10 Days	1 Month	Life-time
1. Trichloroethylene	2.02	0.20	0.075	0.0045
2. 1,4-Dioxane		0.02		
3. Toluene	21.5	2.2	0.34	
4. Methyl ethyl ketone	1.00	1.00		
5. Ethylene glycol	1.00	0.10		
6. 1,1,1-Trichloroethane				1.00**
7. Acrylonitrile		0.035	0.003	
8. Isopropyl alcohol	1.00	1.00		
9. Polychlorinated biphenyls			0.001	
10. 1,2-Dibromo-3-chloropropane				0.00001
11. Tetrachloroethylene	2.30	0.175	0.020	0.0035
12. Benzene		0.35		
13. 1,2-Trans-dichloroethylene***	2.7	0.27		

* - The term "health advisory level" has replaced the term SWARL (suggested no adverse response level). The criteria values (i.e., concentrations) have not changed but the name has been changed to better reflect the meaning of the criteria value.

** - Not due to carcinogenesis.

*** - Tentative values.

SOURCE: Telephone conversation between R. J. Bruner III, U. S. Environmental Protection Agency, Region IV, Environmental Services Division and Mark McClanahan, U. S. Environmental Protection Agency, Region IV, Water Division, Water Supply Branch on June 16, 1982.

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TABLE 7

PRIMARY AND SECONDARY DRINKING WATER CRITERIA

INTERIM PRIMARY DRINKING WATER CRITERIA (1)

<u>Parameter</u>	<u>Maximum Allowable Concentration</u>
Arsenic	50 ug/l
Barium	1,000 ug/l
Cadmium	10 ug/l
Chromium	50 ug/l
Fluoride	1.4 - 2.4 mg/l
Lead	50 ug/l
Mercury	2 ug/l
Nitrate (as N)	10 mg/l
Selenium	10 ug/l
Silver	50 ug/l
Endrin	0.2 ug/l
Lindane	4 ug/l
Methoxychlor	100 ug/l
Toxaphene	5 ug/l
2,4-D	100 ug/l
2,4,5-TP (Silvex)	10 ug/l
Radium	5 pCi/l
Gross Alpha	15 pCi/l
Gross Beta	4 millirem/yr.
Turbidity*	1/TU
Coliform Bacteria	1/100 ml

*Surface water sources only.

SECONDARY DRINKING WATER CRITERIA (2)

<u>Parameter</u>	<u>Maximum Allowable Concentration</u>
Chloride	250 mg/l
Color	15 color units
Copper	1 mg/l
Corrosivity	Noncorrosive
Foaming Agents	0.5 mg/l
Iron	0.3 mg/l
Manganese	50 ug/l
Odor	3 threshold odor number
pH	6.5 - 8.5
Sulfate	250 mg/l
Total Dissolved Oxygen	500 mg/l
Zinc	5,000 ug/l

REFERENCE

1. National Interim Primary Drinking Water Regulations (EPA-570/9-76-003); U. S. Environmental Protection Agency, Office of Drinking Water, December 24, 1975.
2. National Secondary Drinking Water Regulations, Federal Register, 40 CFR Part 143, July 19, 1979.

1 2 00019

APPENDIX A

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM
EPA-FSD, REG IV
ATHENS, GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: ug/l, COMPOUND NAME
E 10JN PROPATYNE
E 10JN PROMETRYN

11/09/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2206 SAMPLE TYPE: DRKNA

PROJECT NO.: 82-167 PROGRAM ELEMENT: NSF
SOURCE: CIAA GEIGY
CITY: MCINTOSH STATE: GA

STATION I.D.: 1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)
STORED STATION NO.: 1

SAMPLE COLLECTION: START DATE/TIME: 08/02/82 1100
SAMPLE COLLECTION: STOP DATE/TIME: 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM: J KOPOTIC
SAMPLE REC'D DATE/TIME: 08/09/82 1053 REC'D BY: T BENNETT
SEALED: YES

CHEMIST:
ANALYTICAL METHODS:

REMARKS:
REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: EWL

REMARKS

*****FOOTNOTES*****

*A=AVG VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

11/2 00020

DATE: 08/25/82

PROJECT #: 82-167 PROG ELEMENT #: NSF

SOURCE: CIRA GEIGY

CITY: MCINTOSH

STATE: AL

STATION: 1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)

RESULTS: ug/l COMPOUND

PURGABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REGION 4, ATHENS, GA.

SAMPLE RECEIVED(DATE & TIME): 08/09/82 1053

SAMPLE START(DATE & TIME): 08/02/82 1100

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: FAM METHOD: 624-81

SAD NO.: 82C2206

STORET

NA	DICHLORODIFLUOROMETHANE	34668
NA	TRICHLOROFLUOROMETHANE	34488
NA	ACROLEIN	34210
NA	ACRYLONITRILE	34215
SU	CHLOROMETHANE	34418
SU	BROMOMETHANE	34413
SU	VINYL CHLORIDE	39175
SU	CHLOROETHANE	34311
SU	METHYLENE CHLORIDE	34423
SU	1,1-DICHLOROETHENE	34501
SU	1,1-DICHLOROETHANE	34496
SU	TRANS-1,2-DICHLOROETHENE	34546
IJ	CHLOROFORM	32106
SU	1,2-DICHLOROETHANE	32103
SU	1,1,1-TRICHLOROETHANE	34506
SU	CAKTON TEKACHLORIDE	32102
SU	BROMODICHLOROMETHANE	32101
SU	1,2-DICHLOROPROPANE	34541
SU	TRANS-1,3-DICHLOROPROPENE	34699
SU	TRICHLOROETHENE	39180
SU	RENZENE	34030
SU	DIBROMOCHLOROMETHANE	34306
SU	1,1,2-TRICHLOROETHANE	34511
SU	CIS-1,3-DICHLOROPROPENE	34704
SU	2-CHLOROETHYL VINYL ETHER	34576
SU	BROMOFORM	32104
SU	1,1,2,2-TE TRACHLOROETHANE	34516
SU	TETRACHLOROETHENE	34475
SU	TOLUENE	34010
SU	CHLOROBENZENE	34301
SU	ETHYL BENZENE	34371
SU	M-XYLENE	
SU	O&P-XYLENE (MIXED)	

DATA VERIFIED BY: FAM

NOTES: 1) J-ESTIMATED VALUE
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE
7) NA-NOT ANALYZED
8) NAI-INTERFERENCES

20021

DATE: 09/20/82

PROJECT #: 82-167 PROG ELEMENT #: NSF

SOURCE: CIBA GEIGY

CITY: MCINTOSH

STATE: AL

STATION: 1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)

RESULTS UNITS ELEMENT

0.002K MG/L CYANIDE

INORGANICS
DATA REPORTING SHEET
WATER

SAMPLE TYPE: DRKWA

SAD NO.: 82C2206

STORED METHOD

00720

EPA-ESD.RGN.IV
ATHENS, GA

SAMPLE RECEIVED(DATE & TIME): 08/09/82 1053

SAMPLE START(DATE & TIME): 08/02/82 1100

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: RPL CHEMIST:

- NOTES: 1) J-ESTIMATED VALUE
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- 6) A-AVERAGE VALUE
7) NA-NOT ANALYZED
8) NAI-INTERFERENCES

DATA VERIFIED BY: RPL

VVV

1200U22

DATE: 08/27/82

PROJECT #: 82-167 PROG ELEMENT #: NSF

SOURCE: CIRA GEIGY

CITY: MCINTOSH

STATE: AL

STATION: 1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)

RESULTS UNITS

ELEMENT

METALS
DATA REPORTING SHEET
WATER

SAMPLE TYPE: DMKWA

SAC NO.: 82C2206

EPA-ESD, RGN. IV
ATHENS, GA

SAMPLE RECEIVED(DATE & TIME): 08/09/82 1053

SAMPLE START(DATE & TIME): 08/02/82 1100

SAMPLE STOP(DATE & TIME): 00/00/00 0

CHEMIST: WHM METHOD:

RESULTS	UNITS	ELEMENT	STOKE#
0.50	UG/L	SILVER	01077
150	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
9H	UG/L	HARIUM	01007
2.50	UG/L	BERYLLIUM	01012
2.50	UG/L	CAUMIUM	01027
16	UG/L	COPALT	01037
200	UG/L	CHROMIUM	01034
5	UG/L	COPPER	01042
50	UG/L	MOLYBDENUM	01062
9	UG/L	NICKEL	01057
120	UG/L	LEAD	01051
60	UG/L	ANTIMONY	01057
50	UG/L	SELENIUM	01147
250	UG/L	TIN	01102
23	UG/L	STRONTIUM	01082
100	UG/L	TELLURIUM	01064
5	UG/L	TITANIUM	01152
250	UG/L	THALLIUM	01059
2.50	UG/L	VANADIUM	01087
3	UG/L	YTTRIUM	01203
22	UG/L	ZINC	01042
NA	UG/L	ZIRCONIUM	01162
1.0	UG/L	MERCURY	71900
170	UG/L	ALUMINIUM	01105
170	UG/L	MANGANESE	01055
2.9	MG/L	CALCIUM	00910
1.8	MG/L	MAGNESIUM	00927
0.07	MG/L	IRON	74010
6.2	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM-HEXAVALENT	01032

DATA VERIFIED BY: MAW

- NOTES: 1) J-ESTIMATED VALUE
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- 6) A-AVERAGE VALUE
7) NA-NOT ANALYZED
8) NAI-INTERFERENCES

-2 00024

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

SIEGENS
GEUKGIA

RESULTS

**EXTRACTABLE ORGANIC ANALYSIS
DATA REPORT SHEET**

11/5/2028

SAMPLE NO.: B2C2206 SAMPLE TYPE: DRY/WA

PROJECT NUMBER: 791-277

© 1990 MCINTOSH LABORATORIES INC.

STATION 1.D.1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)
STORM STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 1100
SAMPLE COLLECTION: STOP DATE/TIME 08/00/00

COLLECTED BY: J KOPOTIC RECEIVED FROM: J KOPOTIC
EXCEDED BY: T HENNETT EXCEDED BY: T HENNETT

SAMPLE REC'D. DATE / TIME
SEALED: YES

CHERISTI DGR
ANALYTICAL METHOD: 025-81

НЕМАНКИ:

KET MARK

*** KEMANKS ***

* * * * *

FOOTNOTES
*MA-NOT ANALYZED
*NAI=INITIAL

* J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF THESENCE OF MATERIAL
OK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

•U-MATERIAL WAS ANALYZED FOR BURNOUT DELETED. THE MINIMUM DETECTION LIMIT.

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RESULTS	UNITS	COMPOUND
NA	NA	N-NITROSOUDIMETHYLAMINE
NA	NA	1-2-DINITROPHENOLHYDRAZINE/2,6-NITROBENZENE
NA	NA	2,4-DINITROBENZENE
UU	UU	2,4-DICHLOROBENZENE
UU	UU	1,2-DICHLOROBENZENE
UU	UU	BIS(2-CHLOROETHYL) ETHER
UU	UU	HEXACHLOROETHANE
UU	UU	HIS(2-CHLOROISOPROPYL) ETHER
UU	UU	N-NITROSONON-PROPYLAMINE
UU	UU	NITROBENZENE
UU	UU	HEXAChLOROBUTADIENE
UU	UU	1,2,4-TRICHLOROBENZENE
UU	UU	2,4-CHLOROPHENYLENE
UU	UU	BIS(2-CHLOROETHoxy) METHANE
UU	UU	ISOPHORONE
UU	UU	HEXACHLOROCYCLOPENTADIENE (HCCP)
UU	UU	2,6-CHLORONAPHTHALENE
UU	UU	ACENAPHTHYLENE
UU	UU	DIMETHYL PHthalate
UU	UU	2,6-DINITROTOLUENE
UU	UU	4-CHLOROPHENYL PHENYL ETHER
UU	UU	FLUORENE
UU	UU	DIETHYL PHthalate
UU	UU	N-NITROSOUDIPHENYLAMINE/DIPHENYLAMMINE
UU	UU	HEXACHLOROBENZENE (HCB)
UU	UU	4-BROMOPHENYL PHENYL ETHER
UU	UU	PHENANTHRENE
UU	UU	ANTHRACENE
UU	UU	DI-N-BUTYLPHthalate
UU	UU	FLUORANTHENE
UU	UU	PYRENE
UU	UU	BENZYL BUTYL PHthalate
UU	UU	BIS(2-CHLOROETHYL) PHthalate
UU	UU	BENZO(A)ANTHRACENE
UU	UU	CHRYSENE
UU	UU	3,3'-DICHLOROBENZIDINE
UU	UU	DI-N-OCTYL PHthalate
UU	UU	BENZO(18)FLUORANTHENE
UU	UU	BENZO(K)FLUORANTHENE
UU	UU	BENZO-A-PYRENE
UU	UU	INDENO(1,2,3-CD) PYRENE
UU	UU	UBENZO(A,H)ANTHRACENE
UU	UU	BENZO(G,H)PYRENE
UU	UU	2-CHLOROPHENOL
UU	UU	2-NITROPHENOL
UU	UU	2,4-DIMETHYLPHENOL
UU	UU	2,4-DICHLOROPHENOL
UU	UU	2,4-CHLORO-3-METHYLPHENOL
UU	UU	2,4-DINITROPHENOL
UU	UU	2-METHYL-4,6-DINITROPHENOL
UU	UU	4-NITROPHENOL

20025

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET

SAMPLE NO.: 82CC236 SAMPLE TYPE: MUNIC

PROJECT NO.: H2-104 PROGRAMMING: NSF
SOURCE: ULTRACORP CITY: MCINTOSH

STATION I.D.: UC-E1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0
COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1314
REMARK: INORG,ROCKY Mtn LHM,MU99012

SAMPLE LUG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

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*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
100K	UG/L	ACRYLONITRILE
NA	UG/L	CHLOROMETHANE
NA	UG/L	BROMOMETHANE
NA	UG/L	VINYL CHLORIDE
100	UG/L	CHLOROETHANE
100	UG/L	METHYLENE CHLORIDE
100	UG/L	1,1-DICHLOROETHENE
100	UG/L	1,1-DICHLOROETHANE
100	UG/L	TRANS-1,2-DICHLOROETHENE
10K	UG/L	CHLOROFORM
100	UG/L	1,2-DICHLOROETHANE
100	UG/L	1,1,1-TRICHLOROETHANE
100	UG/L	CARBON TETRACHLORIDE
100	UG/L	BROMODICHLOROMETHANE
100	UG/L	1,2-DICHLOROPROPANE
100	UG/L	TRANS-1,3-DICHLOROPROPENE
100	UG/L	THIACHLOROETHENE
100	UG/L	BENZENE
100	UG/L	DIBROMOCHLOROMETHANE
100	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYL VINYL ETHER
100	UG/L	PHUMOFUMA
100	UG/L	1,1,2,2-TETRACHLOROETHANE
100	UG/L	TETRACHLOROETHENE
23	UG/L	TOLUENE
10K	UG/L	CHLOROBENZENE
10K	UG/L	ETHYL BENZENE
--	UG/L	M-XYLENE
--	UG/L	OAK-XYLENE (MIXED)

REMARK: INHAB+ROCKY Mtn LAB, MD9012

SAMPLE LOG VERIFIED BY: THE SAM

** *RF MARKS* **

ENDNOTES
*AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*P-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESI, REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2238 SAMPLE TYPE: MUNWL

PROJECT NO.: HZ-164 PHASE: I
SOURCE: ULIN CUPP (CASE#1214)
CITY: MCINTOSH

STATION I.D.: UC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
STALEU:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR(CASE#1214)ORG,S3,U1316
REMARK: INORG+HOCKY MTN LAB,MD9014

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: FRA

REMARKS

FOOTNOTES
"A"-AVERAGE VALUE "NA-NOT ANALYZED" "NAI-INTERFERENCES"
"E"-ESTIMATED VALUE "P"-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
"F"-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
"U"-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
100	UG/L	VINYL CHLORIDE	34175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32109
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34306
100	UG/L	DIBROMOCHLOROMETHANE	34511
100	UG/L	1,1,2-TRICHLOROETHANE	34704
100	UG/L	CIS-1,3-DICHLOROPROPENE	34576
100	UG/L	2-CHLOROETHYL VINYL ETHER	32104
100	UG/L	BROMOFORM	34516
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34675
100	UG/L	TETRACHLOROETHENE	34010
100	UG/L	TOLUENE	34301
100	UG/L	CHLOROBENZENE	
--	UG/L	ETHYL BENZENE	
--	UG/L	M-XYLENE	
--	UG/L	D&P-XYLENE(MIXED)	

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS, GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2239 SAMPLE TYPE: MANUAL

PROJECT NO.: 82-164 PHASE: I
SOURCE: ULTRACORP (CASE#1210)
CITY: MCINTOSH STATE: AL

STATION I.D.: UC-MP120
STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.U1317
REMARK: INOKO, RUCKY MTN LAH, MD9015

SAMPLE LUG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS
>VOL AROMATICS QUANT SUSPECT-NO ACID PRESERVED SAMPLE REC'D

*****FOOTNOTES*****
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORED
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	34175
100	UG/L	CHLOROETHANE	34311
39	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	TRANS-1,2-DICHLOROETHENE	34496
100	UG/L	CHLOROFORM	32106
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	BROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	CHLOROFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE (MIXED)	

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/20/82 HURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PHARMACIMENT: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: OC-LPI
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR(CASE#1214:ORG-S3,ULS1K
REMARK: INORG+HOCKY MTN LAH,MDY010

SAMPLE LOG VERIFIED BY: TBR SAMPLE DATA VERIFIED BY: FRA

REMARKS
VOL HALOALKANONS QUANT SUSPECT-UNPRESERVED SAMPLE BROKEN

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	HEXAMETHANE	34413
100	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHANE	34501
100	UG/L	1,1-DICHLOROETHENE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34566
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	HEXACHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
26	UG/L	TRICHLOROETHENE	39180
100	UG/L	HEXENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34576
100	UG/L	2-CHLOROETHYL VINYL ETHER	32104
100	UG/L	BRONUFORM	34516
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34475
100	UG/L	TETRACHLOROETHENE	34010
480	UG/L	TOLUENE	34301
100	UG/L	CHLOROBENZENE	
--	UG/L	ETHYL BENZENE	
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE (MIXED)	34371

*****FOOTNOTES*****

*AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241 SAMPLE TYPE: MUNWL

PROJECT NO.: HZ-154 PROGRAM ELEMENT: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: OCWE4

STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:

SEALED:

CHEMIST: JHM

ANALYTICAL METHOD:

REMARK: CONTRACT/HWSP;CASE#1214;ORG-S3-D1314

REMARK: INORG+ROCKY Mtn LAB,MD9017

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

*****REMARKS*****

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *N/AI-INTERFERENCES
 *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

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*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	34175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	THICHLOROETHENE	34699
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	CHLOROFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TULUENE	34010
100	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE (MIXED)	

200031

סAMPLE TYP: MOU1AL NO.: 82CC2242

DATA REPORTING ANALYSIS

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

THE END OF ROMANCE

24/12/01

THE MARKS OF
THE MARK

REMARKS: CONTRACHT/HWSH:CASE#1214;0R6-53-01320

RECEIVED BY: REC'D BY: DATE/FILE NO/REF:

WILFRED T. LICAL M.F.T.H.D.W.

STORAGE STATION NO:

121-165 PHOG CLASS 121
SUSPENSE UNIT NO. 82-165 PHOG
SUBJ: MCFINTON AL

SAMPLE DATA VERIFIED BY: TBM SAMPLE DATA VERIFIED BY: FKA

4-AVERAGE VALUE **•**MA-NOT ANALYZED **•**NAI-INTERFERENCE OF MATERIAL
4-ANALYSIS OF TESTS **•**
40-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
45-ACIDIC VALUE IS KNOWN TO BE 55 THAN VALUE FIVE
50-ESTIMATE VALUE ON-PHYSICAL VIOLENCE PRESENCE OF MATERIAL

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-HFG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROGRAM ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH

STATION I.D.: UCRP9
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEAL'D:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#1214; URG; SJ; U1321
REMARK: INORG; ROCKY MTN LAB; MU9014

SAMPLE LOG VERIFIED BY: TBH SAMPLE DATA VERIFIED BY: FRA

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
100	UG/L	VINYL CHLORIDE	34175
100	UG/L	CHLOROETHANE	34423
100	UG/L	METHYLENE CHLORIDE	34311
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
--	UG/L	ETHYL BENZENE	
--	UG/L	M-XYLENE	
--	UG/L	o-XYLENE (MIXED)	34371

-20003

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG V
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MUNWL

PROJECT NO.: BZ-164 PHOTOCHEMIST: NSF
SOURCE: ULIN CORP (CASE#121)
CITY: MCINTOSH AL

STATION I.D.: OCPE2
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;URG,S3,01322
REMARK: INORG+ROCKY MTN LAB,MDV020

SAMPLE LUG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: FRA

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORED
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
100	UG/L	VINYL CHLORIDE	34175
NA	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34490
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BRUHOUICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	1,2-DICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIHROMUCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
--	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE (MIXED)	

2 00034

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/20/82 HURON ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2245 SAMPLE TYPE: MUNWL

PROJECT NO.: BC-104 PHOENIX ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH STATE/STNL

STATION I.D.: OCPH3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSR; CASE#1214; URG; SJ-01323
REMARK: INORG, ROCKY MTN LAH, MOYUZI

SAMPLE LOG VERIFIED BY: THH SAMPLE DATA VERIFIED BY: FMA

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34418
NA	UG/L	CHLOROMETHANE	34413
NA	UG/L	BROMOMETHANE	39175
NA	UG/L	VINYL CHLORIDE	34311
100	UG/L	CHLOROETHANE	34423
100	UG/L	METHYLENE CHLORIDE	34501
100	UG/L	1,1-DICHLOROETHENE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34300
100	UG/L	DIBROMODICHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	Z-CHLOROETHYL VINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
10K	UG/L	CHLOROBENZENE	34301
10K	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE (MIXED)	

VVVV

2 00035

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-HRG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2246 SAMPLE TYPE: MUNWL

PROJECT NO.: H2-164 PROGRAM ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: UC-PH3D
STOKET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSR:CASE#1214:0HG+S3,01324
REMAKR: IN0HG,ROCKY Mtn Lab,MU9022

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMAKRS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
*E-ESTIMATED VALUE *L-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*r-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STOKET
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
100	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	CHLOROETHENE	39180
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	CHLOROFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
--	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	o,p-XYLENE(MIXED)	

VVVV

12 00036

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/20/02 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: BC22247 SAMPLE TYPE: MULWL

PROJECT ID.: H2-164 PROGRAM/AGENCY: NSF
SOURCE: GLIN CORP (CASE#1214)
CITY: MCINTOSH STATE/AL

STATION I.D.: OC#3
STORRET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:

SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG:S3:01325

REMARK: INOKO+ROCKY MTN LAH,MD9023

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: FRA

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*F-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORRET
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLORINE THANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
500	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	34506
100	UG/L	1,1,1-TRICHLOROETHANE	32102
10K	UG/L	CARBON TETRACHLORIDE	32101
10K	UG/L	BROMODICHLOROMETHANE	34541
100	UG/L	1,2-DICHLOROPROPANE	34699
100	UG/L	TRANS-1,3-DICHLOROPROPENE	39180
10K	UG/L	1,1,2-TRICHLOROETHENE	34030
50	UG/L	BRZENE	34511
100	UG/L	DIBROMOCHLOROMETHANE	34706
100	UG/L	1,1,2-TRICHLOROETHANE	34576
100	UG/L	CIS-1,3-DICHLOROPROPENE	32104
100	UG/L	2-CHLOROETHYL VINYL ETHER	34516
100	UG/L	BROMOFORM	34475
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34010
100	UG/L	TETRACHLOROETHENE	34301
500	UG/L	TOLUENE	34371
100	UG/L	CHLOROBENZENE	
100	UG/L	ETHYL BENZENE	
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE (MIXED)	

2 0037

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2248 SAMPLE TYPE: MONWL

PROJECT NO.: H2-164 PHOG: [REDACTED] ENT: NSF
SOURCE: ULIN CORP (CASE#1214) [REDACTED]
CITY: MCINTOSH STATION: [REDACTED]

STATION I.D.: OCWP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#1214; ORG-S3, U1326
REMARK: INORG, RICKY MTN LAB, MD9024

SAMPLE LOG VERIFIED BY: TRH SAMPLE DATA VERIFIED BY: FRA

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34618
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DI-BROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
15	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
--	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O-XYLENE (MIXED)	

-3 2 00038

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2249 SAMPLE TYPE: MUNIC

PROJECT NO.: 82-164 PHASE: 1
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: UCWP4U
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 05/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#12141ORG+S3+01327
REMARK: INOKG,ROCKY MTN LAB,MD9025

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: FRA

HLMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STOKE
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	CHROMETHANE	34613
NA	UG/L	VINYL CHLORIDE	349175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34546
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
10K	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE (MIXED)	

-2 00039

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, HEG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MONWL

PROJECT NO.: HD-104 PHOENIX INSTRUMENT: NSF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH STAFFET AL

STATION I.D.: OC-HRA
STATION STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSH; CASE#1214; ORG, S3, D1328
REMARK: INORG, ROCKY Mtn Lab, MD9026

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

FLUORIDES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORED
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
100	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
10K	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34696
470	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
10K	UG/L	1,1,1-TRICHLOROETHANE	34506
10K	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34561
10K	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
11	UG/L	TRICHLOROETHENE	39180
10K	UG/L	HEXENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
49	UG/L	TOLUENE	34010
10K	UG/L	CHLOROBENZENE	34301
--	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE (MIXED)	

VVVV

-1200040

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, HEG IV
ATHENS GEORGIA

12/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: R2C2251 SAMPLE TYPE: NONWL

PROJECT NO.: 82-164 PROGRAM: ENSI: NSF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH

STATION ID: DCHRD
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARKS: CONTRACT/HNSH/CASE#1214, DORG, S3, D1329
REMARKS: INDRG, ROCKY MTN LAB, 4D9027

SAMPLE LOG VERIFIED BY: TBR SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	34315
100U	UG/L	CHLOROETHANE	34311
100U	UG/L	METHYLENE CHLORIDE	34423
10K	UG/L	1,1-DICHLOROETHANE	34501
100U	UG/L	1,1-DICHLOROETHENE	34496
420	UG/L	CHLOROFORM	32106
100U	UG/L	1,2-DICHLOROETHANE	34506
100U	UG/L	1,1,1-TRICHLOROETHANE	32102
10K	UG/L	CARBON TETRACHLORIDE	32101
10K	UG/L	BROMODICHLOROMETHANE	34541
100U	UG/L	1,2-DICHLOROPROPANE	34699
100U	UG/L	TRANS-1,3-DICHLOROPROPENE	34180
100U	UG/L	TRICHLOROETHENE	34030
10K	UG/L	BENZENE	34306
100U	UG/L	DIBROMOCHLOROMETHANE	34511
100U	UG/L	1,1,2-TRICHLOROETHANE	34704
100U	UG/L	CIS-1,3-DICHLOROPROPENE	34576
100U	UG/L	2-CHLOROETHYL VINYL ETHER	32104
100U	UG/L	PROPYOFORM	34516
10K	UG/L	1,1,2-TETRACHLOROETHANE	34475
100U	UG/L	TETRACHLOROETHENE	34010
42	UG/L	TOULENE	34371
100U	UG/L	CHLOROBENZENE	
--	UG/L	ETHYL BENZENE	
--	UG/L	M-XYLENE	
--	UG/L	OEP-XYLENE(MIXED)	

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
 *B-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

1200041

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

12/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 02C2252 SAMPLE TYPE: MONVL

PROJECT NO.: 82-164 PROGRAM NO.: 1111 NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATE: GA

STATION ID: OCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSR; CASE#1214; ORG, S3, D1330
REMARKS: INDRG, ROCKY Mtn LAB, MD9028

SAMPLE LOG VERIFIED BY: TAB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34419
10U	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34314
10K	UG/L	METHYLENE CHLORIDE	34423
10K	UG/L	1,1-DICHLOROETHENE	34501
10K	UG/L	1,1-DICHLOROETHANE	34496
10K	UG/L	TRANS-1,2-DICHLOROETHENE	34666
130	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	34303
10U	UG/L	1,1,1-TRICHLOROETHANE	34514
10U	UG/L	CARBON TETRACHLORIDE	32102
10K	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34349
10K	UG/L	TRANS-1,3-DICHLOROPROPENE	34598
10U	UG/L	TRICHLOROETHENE	34030
10U	UG/L	BENZENE	34518
10K	UG/L	DICROMOCHLOROMETHANE	34308
10U	UG/L	1,1,2-TRICHLOROETHANE	34514
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYL VINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10K	UG/L	1,1,2,2-TETRACHLOROETHANE	34316
10U	UG/L	TETRACHLOROETHENE	34475
10K	UG/L	TOLENE	34010
10U	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

FOOTNOTES

- *A=AVVERAGE VALUE *NA=NOT ANALYZED *N/A=INTERFERENCES
- *J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- *U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

12/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROGRAM: MNTS1 NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATUS: BL

STATION: D1 OCLP4
SOURCED STATION: NO1

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSR/CASE#1214/DRG,S3,D1331
REMARKS: INHORG, ROCKY Mtn LAB, MD9029

SAMPLE LOG VERIFIED BY: TAB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****FOOTNOTES*****
*A=AVVERAGE VALUE *NA=NOT ANALYZED *N/A=INTERFERENCES
*J=ESTIMATED VALUE *P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORED
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34415
NA	UG/L	CHLOROMETHANE	34419
NA	UG/L	BROMOMETHANE	34419
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10U	UG/L	METHYLENE CHLORIDE	34423
10K	UG/L	1,1-DICHLOROETHENE	34501
10K	UG/L	1,1,1-DICHLOROETHANE	3498
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
250	UG/L	CHLOROPHARM	3106
10U	UG/L	1,2-DICHLOROETHANE	34506
10K	UG/L	1,1,1-TRICHLOROETHANE	34502
10K	UG/L	CARBON TETRACHLORIDE	34501
10K	UG/L	BROMODICHLOROMETHANE	34541
10U	UG/L	1,2-DICHLOROPROPANE	34699
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10K	UG/L	TRICHLOROETHENE	34980
450	UG/L	BENZENE	34530
10U	UG/L	DICROMOCHLOROMETHANE	34506
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYL VINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10K	UG/L	TETRACHLOROETHENE	34675
10U	UG/L	TOLUENE	34010
8800	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	OEP-XYLENE(MIXED)	

120043

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

12/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2254 SAMPLE TYPE: MONOL

PROJECT NO.: A2-164 PROG. NO.: 10011 NBF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH

STATE: AL

STATION ID: UC-OL1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARKS: CONTRACT/HNSR/CASE#1214/ORG,S3,D1332
REMARKS: INORG, ROCKY Mtn LAB, MD9030

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****FOOTNOTES*****
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34219
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34419
NA	UG/L	VINYL CHLORIDE	34311
10U	UG/L	CHLOROETHANE	34312
200	UG/L	METHYLENE CHLORIDE	34323
10K	UG/L	1,1-DICHLOROETHENE	34501
10U	UG/L	1,1-DICHLOROETHANE	34506
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34506
16000	UG/L	CHLOROFORM	34509
10K	UG/L	1,2-DICHLOROETHANE	34509
10	UG/L	1,1,1-TRICHLOROETHANE	34510
10K	UG/L	CARBON TETRACHLORIDE	34510
10K	UG/L	BROMODICHLOROMETHANE	34510
10U	UG/L	1,2-DICHLOROPROPANE	34514
10K	UG/L	TRANS-1,3-DICHLOROPROPENE	34514
190	UG/L	TRICHLOROETHENE	34518
10U	UG/L	BENZENE	34530
10U	UG/L	DICHLOROMETHANE	34530
10U	UG/L	1,1,2-TRICHLOROETHANE	34531
10U	UG/L	2,3-1,3-DICHLOROPROPENE	34531
10U	UG/L	2-CHLOROETHYL VINYL ETHER	34536
10U	UG/L	Bromoform	34536
10K	UG/L	1,1,2,2-TETRACHLOROETHANE	34546
10U	UG/L	TETRACHLOROETHENE	34546
160	UG/L	TOLUENE	34550
10U	UG/L	CHLOROBENZENE	34550
10U	UG/L	ETHYL BENZENE	34550
--	UG/L	M-XYLENE	34571
--	UG/L	OCP-XYLENE(MIXED)	34571

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/20/82 PURGABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2255 SAMPLE TYPE: BLKWA

PROJECT NO.: 82-164 PHOTOCHEMIST: NSF
SOURCE: OIL IN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: VOA BLANK
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR(CASE#1214)ORG-S3,D1334

REMARK:

SAMPLE LOG VERIFIED BY: THIS SAMPLE DATA VERIFIED BY: FRA

REMARKS

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
 *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

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*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORED
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
10K	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34696
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10K	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIMMUCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYL VINYL ETHER	34576
100	UG/L	BRONZE UHM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10K	UG/L	TETRACHLOROETHENE	34475
10K	UG/L	TOLUENE	34010
10K	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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200046

2 00047

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PHOTOCHEMIST: NSF
SOURCE: ULIN CWRP (CASE#1210)
CITY: MCINTOSH STATE: AL

STOKESTATION I.D.: UCWP3
STOKESTATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214ORG+S3+01330
REMARK: INORG, ROCKY Mtn LAB, MU9028

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: LHM

REMARKS
>QUANT. FOR PHENOLS IS SUSPECT BASED ON QC DATA

NOTES
*AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STOKEST
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIMETHYLHYDRAZINE/AZOBENZENE	34340
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34560
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXAACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXAACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAFTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
NA	UG/L	ISOPHORONE	34608
100	UG/L	HEXAACHLOCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34661
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	HEXAACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHthalate	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34689
100	UG/L	HEPTYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	HENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHthalate	34596
100	UG/L	BENZO(H)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIHENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GH)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
250	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PERITACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

VVVV

20048

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESU-KEL IV
ATHENS GEORGIA

JULY 1981
EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
ITEM

SAMPLE NO.: 82C2251 SAMPLE TYPE: BOTTLE

PROJECT NO.: 82-104 PRIORITY ELEMENT: NSF
SOURCE: OI IN CDRP (CASE# 128)
CITY: MCINTOSH STATE: AL

STATION I.D.: UCBBRBD
START STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/05/82 00
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 00

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED BY:

CHERIST: JMS
ANALYTICAL METHOD:

REMARKS: CONTRACT/HASH:CASE#1214;ORG.SS.D1324
REMARKS: 100KG.ROCKY Mtn LAB.MD94027

SAMPLE LOG VERIFIED BY: TSM DATA VERIFIED BY: CHH

~~SECRET//MARKS//~~
SUSPECT. EUR PHENOLS IS SUSPECT BASED ON UC DATA

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*****FOOTNOTES*****
*A-AVERAGE VALUE *PA-NUT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STUDY T
100	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-O-IPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	METHYLIDINE	34120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXAChLORoETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXAChLOROHEPTAENE	34702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHoxy) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXAChLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHthalate	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHthalate	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXAChLOROBENZENE (HCB)	34700
100	UG/L	4-MURAOHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHthalate	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHthalate	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHthalate	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	O,N-UCYLYLPHthalate	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO(1,2,3-CD) PYRENE	34403
250	UG/L	OBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34652
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

120049

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESETN-FEG IV
ATHENS GEORGIA

10/20/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET

SAMPLE NO.: 82C2230 SAMPLE TYPE: MUNWL

PROJECT NO.: BC-104 PROJ. ELEMENT: NSF
SOURCE: ULTRACORP (LASER 12)
CITY: MCINTOSH STATE: AL

STATION I.D.: UC-URR
S10-ET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J. KOPUTIC RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 U RECD BY:
STAFFID:

CHIEF: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSK:CASE#1214:ORG,S3,D1328
REMARK: TUNNG, RUCKY MTN LAM, MD9020

SAMPLE LOG VERIFIED BY: Ibu DATA VERIFIED BY: Cnn

Digitized by srujanika@gmail.com

2-MIAMI. FOR PHENOLS IS SUSPECT BASED ON GL DATA

*#*FOOTNOTES**
 #A-AVERAGE VALUE #A-NOT ANALYZED #AI-INTERFERENCES
 #J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 #K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 #L-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STUDY
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34340
100	UG/L	METHIOLINE	34120
100	UG/L	1,3-DICHLOROBENZENE	34506
81	UG/L	1,4-DICHLOROBENZENE	34571
75	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXAChLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSOUDI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXAChLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	HIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34648
NA	UG/L	HEXAChLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHthalate	34341
100	UG/L	2,4-DINITROTULUENE	34611
100	UG/L	2,6-DINITROTULUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHthalate	34336
100	UG/L	N-NITROSOUDIPHENYLAMINE/2IPHENYLAMINE	34633
100	UG/L	HEXAChLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
250	UG/L	2,4-N-BUTYLPHthalate	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHthalate	34292
100	UG/L	BIS(2-Ethylhexyl) PHthalate	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34031
100	UG/L	DI-N-OCTYLPHthalate	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO(1,2,3-CD) PYRENE	34403
250	UG/L	1,2-BENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GH)PERYLETIE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PETTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

JUN/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2248 SAMPLE TYPE: MUNAL

PROJECT NO.: 82-104 PHARMACIMENT: NSF
SUBJECT: ULTR COHR (CASE#121)
CITY: MCINTOSH AL

STATION ID #: UCWP4
STOKE T STATION #: 0

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEAL'D:

CHEMIST: JMS

ANALYTICAL METHOD:

REMARKS: CONTRACT/HASH:CASE#121480R6+53+01326
REMARKS: INORG+ROCKY MTN LAB,MDYU24

SAMPLE LOG VERIFIED BY: TSB DATA VERIFIED BY: CHH

REMARKS***

FOOTNOTES
 *A=AVG/MEAN VALUE **A-NOT ANALYZED ***A=INTERFERENCES
 *E=ESTIMATED VALUE **E-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *R=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STOKE T
ND	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34366
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34530
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
NA	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
100	UG/L	NITROBENZENE	34428
100	UG/L	HEXA-CHLOROBUTADIENE	34447
100	UG/L	1,2,4-TRICHLOROBENZENE	34702
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
NA	UG/L	ISOPHORONE	34408
100	UG/L	HEXA-CHLOROCYCLOPENTADIENE (HCCP)	34380
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHENE	34200
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXA-CHLOROBENZENE (HCB)	34700
100	UG/L	4-NITROPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34601
100	UG/L	ANTHPACENE	34220
100	UG/L	OI-N-BUTYL PHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
100	UG/L	PYRENE	34669
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	34100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYL PHTHALATE	34590
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO(1,2,3-CD) PYRENE	34403
250	UG/L	DIMENZO(A,H)ANTHRACENE	34550
250	UG/L	BENZO(GH)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34416
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34640

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EXTRACTABLE ORGANIC LIPOLYSIS

EXTRACTIVE ORGANIC ANALYSIS

SAMPLE NO.: 0202241 SAMPLE TYPE: MUSCLE

RESULTS: $\delta^{13}\text{C}_{\text{PDB}} = -27.04 \pm 0.12$ ‰ (n=12) (Table 1).
 CONCLUSION: MC-IRMS is a promising technique for the analysis of methane.

STORE STATION: NO:
 STORED COLLECTION: TAX DATE/TIME 09/04/02
 STORED COLLECTION: STOP DATE/TIME 09/04/02
 COLLECTED BY: J KOPUTIC RECEIVED BY:
 SAMPLER REC'D: UNIDENTIFIED 09/04/02
 SCARF'D:
 COMMENTS: JAS. T. WOOD

HT-144: CONTRACT/HANDICRAFTS/144-UNIVERSITY OF
KENTUCKY: UNIVERSITY LIBRARIES, 1923

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*****ANALYTICAL RESULTS*****

1200053

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPAT-ESD-MEG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NU.: 82C2240 SAMPLE TYPE: HUNWL

PROJECT ID #: EG-104 PHNU [REDACTED] ELEMENT: HSE
SOURCE: OLTG CDRP (CASE#1214) DATE: 10/28/82
CITY: MCINTOSH AL

STATION ID #: DC-PHSD

STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS

ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;OKO+SS+U1324
REMARK: INORG+ROCKY Mtn LAM+MUV022

SAMPLE LOG VERIFIED BY: Tm DATA VERIFIED BY: CMH

REMARKS~~SSSS~~

FOOTNOTES

*AVERAGE VALUE *NOT ANALYZED *N/A-INTERFERENCES
**ESTIMATED VALUE **PRE-SUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
**ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
**MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	HENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34500
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34530
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXAChLORoETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	NITROBENZENE	34428
100	UG/L	HEXAChLOROBUTADIENE	34467
100	UG/L	1,2,4-TRICHLOROBENZENE	39702
100	UG/L	NAPHTHALENE	34551
100	UG/L	BIS(2-CHLOROETHoxy) METHANE	34696
100	UG/L	ISOPHNOLE	34278
NA	UG/L	HEXAChLOROCYCLOPENTADIENE (HCCP)	34408
100	UG/L	2-CHLORONAPHTHALENE	34386
100	UG/L	ACENAPHTHYLENE	34581
100	UG/L	ACENAPHTHENE	34200
100	UG/L	DIMETHYL PHthalATE	34205
100	UG/L	2,4-DINITROTOLUENE	34341
100	UG/L	2,6-DINITROTOLUENE	34611
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34626
100	UG/L	FLUORENE	34641
100	UG/L	DIETHYL PHthalATE	34381
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34336
100	UG/L	HEXAChLOROBENZENE (HCB)	34433
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHthalATE	39110
100	UG/L	FLUORANTHENE	34376
100	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHthalATE	34292
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHthalATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34603
250	UG/L	DIMENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GH)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	4-DINITROPHENOL	34616
250	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	34032
250	UG/L	4-NITROPHENOL	34646

VVVV

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EXTRACTABLE ORGANIC ANALYSIS
ATMENS OF UHMW

10/28/92 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 8202245 SAMPLE TYPE: MULWL

PROJECT ID #: 92-164 PHASE: I
SOURCE: UHMW COMP (CASE#124)
CITY: MCINTOSH AL

STATION I.D.: UCPH3
STATION STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/92 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEARCHED:

CHEMIST: JMS

ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSN/CASE#1214;OKU+S3+01323
REMARKS: 100K+HICKY MIN LIM, 04/02/91

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: LHM

SEARCHED: 5/22/92

#REFDT: 01/05/92
#A-AVERAGE VALUE #NA-NOT ANALYZED #NA-INTERFERENCES
#I-I-ESTIMATED VALUE #P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
#R-R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STOKE#
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34446
100	UG/L	HENZIDINE	34120
100	UG/L	1,2-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	MIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEA(2-CHLOROETHANE)	34396
NA	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
100	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEA(2-CHLOROETHADIENE)	34702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHYL) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEA(2-CHLOROCYCLOPENTADIENE (HCCP))	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEA(2-CHLOROBENZENE (HCB))	34700
100	UG/L	4-HROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYL PHTHALATE	34110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYL PHTHALATE	34596
100	UG/L	BENZO(H)FLUORANTHENE	34230
100	UG/L	BENZO(I)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO[1,2,3-C] PYRENE	34403
250	UG/L	DIRENZO(A,H)ANTHRACENE	34550
250	UG/L	MENZO(G,H)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34600
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
250	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	34032
250	UG/L	4-NITROPHENOL	34646

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESOUREG IV
ATHENS GEORGIA

10/20/96 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MONWL

PROJECT NO.: RC-104 PHASE: ELEMENT: USE
SOURCE: OIL IN CORP (ANALYST)
CITY: MCINTOSH STATE: AL

STATION I.D.: DCPEP
STORED STATION ID:

SAMPLE COLLECTION: STA T DATE/TIME 00/04/96 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SCAFF'D:

CHEMIST: JNS

ANALYTICAL METHOD:

REMARKS: CONTRACT/HYSR/CASE#143URG+53+01322
REMARKS: INORG,ROCKY Mtn LAH,009020

SAMPLE LOG VERIFIED BY: TDM DATA VERIFIED BY: LHM

*****MARKS*****

*****NOTES*****
*AVERAGE VALUE *MA-NOT ANALYZED *INT-INTERFERENCES
*ESTIMATED VALUE *IN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STOKE
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	34120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	HIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HFXACHLURONETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXAChLOROBUTADIENE	34702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
NA	UG/L	ISOPHORONE	34408
100	UG/L	HEXAChLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	Z-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34330
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXAChLOROBENZENE (HCB)	34700
100	UG/L	4-PROTOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	1,1-N-BUTYLPHTHALATE	34110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	MENZYL MUTYL PHTHALATE	34292
100	UG/L	BIS(2-EThYLHEXYL) PHTHALATE	34100
100	UG/L	MENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-C,D) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GH)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34600
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34422
NA	UG/L	2,4-DINITROPHENOL	34616
250	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34640

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ANALYTICAL RESULTS

אַלְמָנָה וְעַמְּדָה בְּמִזְמָרֶת שְׁמַעְנָה
בְּשָׂרְבָּן-בְּשָׂרְבָּן לְוַיְהָ

Digitized by srujanika@gmail.com

TOURIST

RESULTS UNITS CONCENTRATION
0.002% 1- α -DIPHENYLHYDRAZINE/AZOBISBENZENE

SAMPLE TYPE: MONOL

SEARCHED : 06/28/1968 INDEXED : 06/28/1968 SERIALIZED : 06/28/1968 FILED : 06/28/1968
SUSPECT : OLTIN, GORD (CLASS #12) CALL NUMBER : 12-166-147
CATALOG : MCINTOSH AL

STATION 14801 STATION 14801

00/00/00 2011/2010 000 00000000000000000000

Digitized by srujanika@gmail.com

REF ID: C011THAELT/HW3H!L5AE#1214!UHG+53!U1320

THE PRESENCE OF PREGNANCY OR
PREGNANCY-RELATED VALUABLE ASPECTS IS KNOWN TO BE LESS THAN VALUE
OF MATERIAL ASPECTS FOR BOTH PREGNANT WOMEN AND THEIR PARTNERS.

八八八

10. The following table shows the number of hours worked by each employee in a company.

10. The following table shows the number of hours worked by each employee.

10. The following table shows the number of hours worked by 1000 workers in a certain industry.

10. The following table shows the number of hours worked by each employee.

10. The following table shows the number of hours worked by each employee in a company.

10. *Leucosia* *leucostoma* *leucostoma* *leucostoma* *leucostoma*

10. The following table shows the number of hours worked by each employee in a company.

10. The following table shows the number of hours worked by each employee.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD+PEG IV
ATHENS GEORGIA

10/26/92 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 0202241 SAMPLE TYPE: MUNIC

PROJECT NO.: M2-164 PHO: [REDACTED] : NSF
SOURCE: ULTRACOMP (CASE#121) [REDACTED]
CITY: MCINTOSH [REDACTED]

STATION ID #: 020241
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/03/92 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOMOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REL'D BY:
SEATED:

CHEMIST: IHS
ANALYTICAL METHOD: 1

REMARK: CONTRACT/HASH:CASE#1214:DHB+S3,UL314
REMARK: INORG,ROCKY MTN LAH,10/26/92

SAMPLE LOG VERIFIED BY: EHM DATA VERIFIED BY: LHM

APPENDIX 5B-B

*NOTE OUTLINES***
**AVERAGE VALUE **MIN-NOT ANALYZED **NA=INTERFERENCE
**ESTIMATED VALUE ON-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
**ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
**MATERIAL WAS NOT ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	4-NITROSDIMETHYLAMINE	34438
100	UG/L	1,2-DIMETHYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	HEXAZIDINE	34120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(Z-CHLOROETHYL) ETHER	34273
100	UG/L	HEXAETHYLURETHANE	34396
100	UG/L	BIS(Z-CHLOROISOPROPYL) ETHER	34283
100	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXAETHYLURIDIE	34702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(Z-CHLOROETHOXY) METHANE	34278
NA	UG/L	ISOPHORONE	34608
100	UG/L	HEXAETHYLCYCLOPENTADIENE (HECP)	34386
100	UG/L	Z-(CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	DIMETHYL PHTHALATE	34205
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXAETHYLBENZENE (HCB)	34700
100	UG/L	4-NITROPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYL PHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(Z-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,5-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYL PHTHALATE	34590
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	MENZO(B)FLUORANTHENE	34242
100	UG/L	MENZO-A-PYRENE	34247
250	UG/L	INDENO[1,2,3-C,D] PYRENE	34403
250	UG/L	DIBENZO(A,G)ANTHRACENE	34556
250	UG/L	MENZO(GH)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-(1)TROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	6-CHLORO-3-METHYLPHENOL	34452
250	UG/L	2,4-DINITROPHENOL	34616
250	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PERITACHLOROPHENOL	34032
250	UG/L	4-NITROPHENOL	34646

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESDUREK IV
ATHENS GEORGIA

10/28/92 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 92C2240 SAMPLE TYPE: MOHML

PROJECT NO.: 82-164 PHASE/STATION: 105
SOURCE: OLM CORP (CASE#121)
CITY: MCINTOSH

STATION I.D.: UC-LPI
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/03/92 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED BY:

THE LIST: JMS

ANALYTICAL METHOD: 1

REMARK: CONTRACT/HJSR/CASE#12148UH04301318

REMARK: INORG,ROCKY Mtn Lab,MD9016

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: LHM

REMARKS: 8000

QUANT: FOR PHENOLS IS SUSPECT BASED ON LC DATA

*****NOTES*****

*A-AVERAGE VALUE *A-NOT ANALYZED *A1-INTERFERENCES
*I-ESTIMATED VALUE *I-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-ITROSODIMETHYLAMINE	34438
100	UG/L	1+2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	MELLIDINE	39120
100	UG/L	1+3-DICHLOROBENZENE	34500
100	UG/L	1+4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXAACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
100	UG/L	N-ITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXAACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34646
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
100	UG/L	HEXAACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACETNAPTHYLENE	34200
100	UG/L	DIMETHYL PHthalate	34205
100	UG/L	2+4-DINITROTOLUENE	34611
100	UG/L	2+6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHthalate	34330
100	UG/L	N-ITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXAACHLOROBENZENE (HCB)	39700
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHthalate	39110
100	UG/L	FLUORANTHENE	34376
100	UG/L	PYRENE	34409
100	UG/L	HEXYL BUTYL PHthalate	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHthalate	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHthalate	34590
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
100	UG/L	INDENO (1,2,3-C,C) PYRENE	34603
100	UG/L	DIBENZO(A,M)ANTHRACENE	34556
100	UG/L	BENZO(G,H,I)PHYLENE	34521
100	UG/L	2-CHLOROPHENOL	34586
100	UG/L	Z-NITROPHENOL	34591
100	UG/L	PHENOL	34094
100	UG/L	2+4-DIMETHYLPHENOL	34606
100	UG/L	2+4-DICHLOROPHENOL	34601
100	UG/L	2+4,6-TRICHLOROPHENOL	34621
100	UG/L	4-CHLORO-3-ALIPHATICPHENOL	34452
100	UG/L	2+4-DINITROPHENOL	34616
100	UG/L	2-METHYL-4,6-O-DINITROPHENOL	34657
100	UG/L	PENTACHLOROPHENOL	39032
100	UG/L	4-NITROPHENOL	34646

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SAMPLE AND ANALYSIS REQUEST SYSTEM
EPAS-ESD REG IV
ATHENS GEORGIA

LUCCHI/HC EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 02C2238 SAMPLE TYPE: MUNIC

PROJECT ID #: 80-109 PH: 7.0 ELEMENT: NSF
SOURCE: DEIR CORP (CASEN 16)
CITY: MCINTOSH AL

STATION I.D.: UC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 05/03/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J. KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/03/00 0 REC'D BY:
SEALED:

CHEMIST: JAS

ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR(CASEN 16)DRB+SJ+DJSIO
REMARK: INORG ROCKY Mtn LAR,MD9014

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: CHH

REMARKS~~SSSS~~

NOTES

*A-AVERAGE VALUE *N/A-NOT ANALYZED *N/I-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
N/A	UG/L	N-NITROSO DIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34530
100	UG/L	HIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXAACHLOROETHANE	34396
100	UG/L	HIS(2-CHLOROISOPROPYL) ETHER	34203
100	UG/L	N-NITROSO(N)-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34647
100	UG/L	HEXAACHLOROBUTADIENE	34702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
100	UG/L	HEXAACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACETIAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHthalate	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHthalate	34336
100	UG/L	N-NITROSO(DIPHENYLAMINE)/DIPHENYLAMINE	34433
100	UG/L	HEXAACHLOROBENZENE (HCB)	34700
100	UG/L	+TROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHthalate	34110
100	UG/L	FLUORANTHENE	34376
100	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHthalate	34292
100	UG/L	BIS(2-Ethylhexyl) PHthalate	34100
100	UG/L	benzo(A)ANTHRACENE	34520
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHthalate	34590
100	UG/L	benzo(B)FLUORANTHENE	34230
100	UG/L	benzo(K)FLUORANTHENE	34242
100	UG/L	benzo-A-PYRENE	34247
100	UG/L	INDENO (1,2,3-CD) PYRENE	34403
100	UG/L	DIHEDRO(4,9H)ANTHRACENE	34550
100	UG/L	benzo(GH)PERYLENE	34521
100	UG/L	Z-CHLOROPHENOL	34586
100	UG/L	Z-NITROPHENOL	34591
100	UG/L	PHENOL	34604
100	UG/L	2,4-DIMETHYLPHENOL	34606
100	UG/L	2,4-DICHLOROPHENOL	34601
100	UG/L	2,4,6-TRICHLOROPHENOL	34621
100	UG/L	4-CHLORO-3-METHYLPHENOL	34452
100	UG/L	2,4-DINITROPHENOL	34616
100	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
100	UG/L	PEHTACHLOROPHENOL	34032
100	UG/L	4-NITROPHENOL	34646

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-ORNL IV
ATHENS GEORGIA

1/17/2002 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C6231 SAMPLE TYPE: MUNIC

PROJECT NO.: 82-164 PHASE ELEMENT: USE
SOURCE: OIL IN GROUND (CAST IRON)
CITY: MCINTOSH STATE: AL

STATION I.D.: OC-E2
STORY STATION ID:

SAMPLE COLLECTION: START DATE/TIME 08/02/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPTICK RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEIVED:

CHEMIST: JMS

ANALYTICAL METHOD:

REMARK: CONTRACT/HNSP;CASE#1214FOR6+S301315
REMARK: DRAKE ROCKY MT LAND+MI9013

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: CHH

FOOTNOTES
**A-ANALYZED VALUE = RUN-NOT ANALYZED **B-INTERFERENCES
**C-ESTIMATED VALUE = IN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
**D-ANALYZED VALUE IS FLOWN TO BE LESS THAN VALUE GIVEN
**E-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORED
ND	UG/L	N-NITROSODIMETHYLAMINE	34438
ND	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
ND	UG/L	MEN/IDINE	39120
ND	UG/L	1,3-DICHLOROBENZENE	34566
ND	UG/L	1,4-DICHLOROBENZENE	34571
ND	UG/L	1,2-DICHLOROBENZENE	34536
ND	UG/L	HIS(2-CHLOROETHYL) ETHER	34273
ND	UG/L	HEXA-CHLOROETHANE	34396
ND	UG/L	HIS(2-CHLOROISOPROPYL) ETHER	34283
ND	UG/L	NITROBENZENE	34428
ND	UG/L	NITROPHENENE	34447
ND	UG/L	HEXA-CHLORO-1,5-ADIENE	34702
ND	UG/L	1,2,4-TRICHLOROBENZENE	34551
ND	UG/L	NAPHTHALENE	34690
ND	UG/L	HIS(2-CHLOROETHOXY) METHANE	34278
NA	UG/L	ISOPHORONE	34408
ND	UG/L	HEXA-CHLOROCYCLOPENTADIENE (HCCP)	34386
ND	UG/L	2-CHLORONAPHTHALENE	34581
ND	UG/L	ACENAPHTHENENE	34200
ND	UG/L	ACENAPHTHENE	34205
ND	UG/L	DIMETHYL PHTHALATE	34341
ND	UG/L	2,4-DINITROTOLUENE	34611
ND	UG/L	2,6-DINITROTOLUENE	34626
ND	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
ND	UG/L	FLUORENE	34381
ND	UG/L	DIETHYL PHTHALATE	34330
ND	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34633
ND	UG/L	HEXA-CHLOROBENZENE (HCB)	34700
ND	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
ND	UG/L	PHENANTHRENE	34461
ND	UG/L	ANTHRACENE	34220
ND	UG/L	DI-N-BUTYLPHthalate	39110
ND	UG/L	FLUORANTHENE	34376
ND	UG/L	PYRENE	34469
ND	UG/L	HEXYL BUTYL PHTHALATE	34292
ND	UG/L	HIS(2-ETHYLHEXYL) PHTHALATE	34100
ND	UG/L	HEXZO(A)ANTHRACENE	34526
ND	UG/L	CYRSENE	34320
ND	UG/L	3,3'-DICHLOROBENZIDINE	34631
ND	UG/L	DI-N-OCTYLPHthalate	34590
ND	UG/L	HEXZO(H)FLUORANTHENE	34230
ND	UG/L	HEXZO(K)FLUORANTHENE	34242
ND	UG/L	BENZO-A-PYRENE	34247
ND	UG/L	INDENO (1,2,3-C,D) PYRENE	34403
ND	UG/L	HEXETO(A,H)ANTHRACENE	34556
ND	UG/L	HEXZO(GH)PERYLENE	34521
ND	UG/L	2-CHLOROPHENOL	34580
ND	UG/L	2-NITROPHENOL	34591
ND	UG/L	PHENOL	34694
ND	UG/L	2,4-DIMETHYLPHENOL	34606
ND	UG/L	2,4-DICHLOROPHENOL	34601
ND	UG/L	2,4,6-TRICHLOROPHENOL	34621
ND	UG/L	4-CHLORO-3-METHYLPHENOL	34626
ND	UG/L	2,4-DINITROPHENOL	34616
ND	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
ND	UG/L	PENTACHLOROPHENOL	39032
ND	UG/L	4-NITROPHENOL	34646

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2207 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PHUMA ELEMENT: NSF
SOURCE: ULIN CORP
CITY: MCINTOSH

STATION I.D.: UC-ULID SPLIT SAMPLE

STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 1550

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM: J KOPUTIC
SAMPLE REC'D: DATE/TIME 08/09/82 1053 REC'D BY: T BENNETT

SEALED: YES

CHEMIST: WHM

ANALYTICAL METHOD:

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
400	UG/L	ARSENIC	01002
NA	UG/L	BUON	01022
68	UG/L	BAKUM	01007
100	UG/L	HEVILLIUM	01012
100	UG/L	CAUMIUM	01027
200	UG/L	COHALT	01037
200	UG/L	CHROMIUM	01034
320	UG/L	COPPER	01042
200	UG/L	MOLYBDENUM	01062
140	UG/L	NICKEL	01067
250	UG/L	LEAD	01051
250	UG/L	ANTIMONY	01097
250	UG/L	SELENIUM	01147
1000	UG/L	TIN	01102
3600	UG/L	STRONTIUM	01082
400	UG/L	TELLURIUM	01064
460	UG/L	TITANIUM	01152
1000	UG/L	THALLIUM	01059
190	UG/L	VANADIUM	01087
66	UG/L	YTTRIUM	01203
520	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
24	UG/L	MERCURY	71900
150000	UG/L	ALUMINUM	01105
1000	UG/L	MANGANESE	01055
610	MG/L	CALCIUM	00916
20	MG/L	MAGNESIUM	00927
74	MG/L	IRON	74010
79	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

REMARKS:

REMARKS:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
 *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

200065

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82 METALS DATA REPORTING SHEET WATER

SAMPLE NO.: 82C2257 SAMPLE TYPE: BLKWA

PROJECT NO.: BZ-164 PHOT ELEMENT: NSF
SOURCE: ULIN CORP (CASE#12) : AL
CITY: MCINTOSH

STATION I.N.: METALS BLK II
STOKET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0
COLLECTED BY: L KOPUTIC RECEIVED FROM:

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 U REC'D BY:
SEALED:

**CHEMIST: MARY
ANALYTICAL METHOD:**

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORED
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	HORON	01022
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CAIDIUM	01027
500	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
17	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
100	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
2000	UG/L	ALUMINUM	01105
100	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.15	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

REMARK: CONTRACT/HWSK
REMARK: INORG.HUCKY MTN LAB, MO9032

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

HFMARKS

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
 *J-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

1 2 00066

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: BLKWA

PROJECT NO.: H2-104 PURCHASE ELEMENT: NSF
SOURCE: OLIN CORP (CASE#16)
CITY: MCINTOSH AL

STATION I.D.: METALS BLK I
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/06/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR
REMARK: INORG-HUCKY MTN, MU9031

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CADMIUM	01027
500	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
50	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
100	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
2000	UG/L	ALUMINUM	01105
100	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.050	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

*****FOOTNOTES***

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
- *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

-2 00067

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2254 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PM: ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: UC-UL1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/MUSH:CASE#1214:OHG,SJ,D1332
REMARK: INORG,HOCKY MTN LAB,MU9030

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
40	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	HARIUM	01007
50	UG/L	BERYLLIUM	01012
7	UG/L	CADMIUM	01027
500	UG/L	COBALT	01037
120	UG/L	CHROMIUM	01034
320	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
160	UG/L	NICKEL	01067
130	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
50	UG/L	SELENIUM	01147
79	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
430	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
7.6	UG/L	MERCURY	71900
220000	UG/L	ALUMINUM	01105
1000	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
68	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

12 00068

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESU+REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PREDICTED ELEMENT: NSF
SOURCE: ULIN CORP (CASEN) SOURCE AL

CITY: MCINTOSH
STATION I.D.: UCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HASH;CASEN1214;OHG,S3,01331
REMARK: INDRG,HOCKY MTN LAB,MD9029

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
- *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	BARIUM	01007
12	UG/L	BERYLLIUM	01012
10	UG/L	CADMIUM	01027
300	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
110	UG/L	NICKEL	01067
64	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
230	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
4.7	UG/L	MERCURY	71900
7700	UG/L	ALUMINUM	01105
2100	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
5.7	MG/L	MAGNESIUM	00927
NA	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

12 00069

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, HEG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P. ELEMENT: NSF
SOURCE: OLIN CORP (CASEN1)
CITY: MCINTOSH

STATION I.D.: UCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT	STORET
4H	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	HARIUM	01007
6C	UG/L	BERYLLIUM	01012
17U	UG/L	CADMIUM	01027
86U	UG/L	COHALT	01037
43	UG/L	CHROMIUM	01034
86	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
820	UG/L	NICKEL	01067
760	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
4	UG/L	SELENIUM	01147
7600	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
20UU	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
690	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
5.4	UG/L	MERCURY	71900
32000	UG/L	ALUMINUM	01105
2300	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
9.0	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

REMARK: CONTRACT/HWSR; CASE#121430RG.S3.01330

REMARK: INORG.RUCKY MTN LAB.MD902H

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
 *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

12 00070

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2251 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PHU: ELEMENT: NSF
SOURCE: ULIN CURP (LASE#12) STATE: AL

CITY: MCINTOSH
STATION I.D.: UCHRMU
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEAL#U:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG.S3;U1329
REMARK: INORG,ROCKY Mtn LAB,MD9027

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
34	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100	UG/L	BAHIUM	01007
45	UG/L	HEKYLLIUM	01012
25	UG/L	CAIDIUM	01027
580	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
77	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
340	UG/L	NICKEL	01067
380	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
3	UG/L	SELENIUM	01147
130	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
890	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
10	UG/L	MERCURY	71900
120000	UG/L	ALUMINUM	01105
1600	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	000916
NA	MG/L	MAGNESIUM	000927
8.3	MG/L	IRON	74010
NA	MG/L	SODIUM	000929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

1200071

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/02/82 METALS
 DATA REPORTING SHEET
 WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MUNWL

PROJECT NO.: D2-164 PH: 7.0 ELEMENT: NSF
SOURCE: ULIN CORP (CASE#12345)
CITY: MCINTOSH STATE: AL

STATION I.D.: UC-BRD
STORET STATION NU:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D132H
REMARK: INORG,ROCKY MTN LAB,MD9026

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
37	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
130	UG/L	BARIUM	01007
38	UG/L	BERYLLIUM	01012
20	UG/L	CADMIUM	01027
450	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
62	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
240	UG/L	NICKEL	01067
350	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01047
20	UG/L	SELENIUM	01102
280	UG/L	TIN	01082
NA	UG/L	STRONTIUM	01084
NA	UG/L	TELLURIUM	01066
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
680	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
11	UG/L	MERCURY	71900
120000	UG/L	ALUMINUM	01105
1600	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.37	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

2 00072

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82 METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2249 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PH: 7.0
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH

STATION I.D.: UCWP4U
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSH;CASE#1214;ORG+S3,D1327
REMARK: INORG,ROCKY MTN LAB,MD9025

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CAIUMIUM	01027
500	UG/L	COBALT	01037
27	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
100	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
200	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
120	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
6500	UG/L	ALUMINUM	01105
86	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
23	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

-3
2 00073

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82 METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2248 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PHOTOCOL: ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: OCWP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: YMA
ANALYTICAL METHOD: W

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
100	UG/L	ARSENIC
NA	UG/L	BORON
1000	UG/L	BARIUM
50	UG/L	BERYLLIUM
10	UG/L	CAIUMIUM
500	UG/L	COBALT
58	UG/L	CHROMIUM
500	UG/L	COPPER
NA	UG/L	MOLYBDENUM
60	UG/L	NICKEL
100	UG/L	LEAD
200	UG/L	ANTIMONY
20	UG/L	SELENIUM
200	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
100	UG/L	THALLIUM
2000	UG/L	VANADIUM
NA	UG/L	YTTRIUM
85	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
15000	UG/L	ALUMINUM
140	UG/L	MANGANESE
NA	MG/L	CALCIUM
NA	MG/L	MAGNESIUM
39	MG/L	IRON
NA	MG/L	SODIUM
NA	UG/L	CHROMIUM,HEXAVALENT

STORET
01077
01002
01022
01007
01012
01027
01037
01034
01042
01062
01067
01051
01097
01147
01102
01082
01064
01152
01059
01087
01203
01162
71900
01105
01055
00916
00927
74010
00929
01032

REMARK: CONTRACT/HWSH;CASE#1214;URG,S3,01320

REMARK: INORG,ROCKY Mtn Lab,MU9024

SAMPLE LOG VERIFIED BY: THH SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
 *J-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

2 00074

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82
METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2247 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PH: ELEMENT: NSF
SOURCE: OLIN CORP (CASE#121) STATE: AL
CITY: MCINTOSH

STATION I.D.: UCWE3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 06/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#1214; ORG, S3, 01325
REMARK: INORG, ROCKY MTN LAB, MU9023

SAMPLE LUG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
250	UG/L	BARIUM	01007
22	UG/L	BERYLLIUM	01012
12	UG/L	CAUMIUM	01027
160	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
120	UG/L	COPPER	01042
NA	UG/L	MOLYBENUM	01062
220	UG/L	NICKEL	01067
90	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
22	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01164
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
450	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.31	UG/L	MERCURY	71900
3500	UG/L	ALUMINUM	01105
820	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.7	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

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200076

*****ANALYTICAL RESULTS*****
 SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
 EPA-ESD/REG/LA

STOKEI	RESULTS UNITS ELEMENT	SAMPLE NO.: B2C2246	SAMPLE TYPE: MONOL
01077	100	14	500
01002	500	100	500
01007	500	100	500
01012	500	100	500
01037	500	100	500
01042	500	100	500
01063	500	100	500
01051	500	100	500
01097	500	100	500
01102	500	100	500
01106	500	100	500
01152	500	100	500
01087	500	100	500
01203	500	100	500
01162	500	100	500
01092	500	100	500
01105	500	100	500
01055	500	100	500
01096	500	100	500
00927	500	100	500
74010	500	100	500
00929	500	100	500
01032	500	100	500

PROJECT NO.: B2-164 HWY ELEMENT: NSF
 CITY: MCINTOSH AL
 SOURCE: OIL IN CURB CASE#121

STATION I.D.: UC-PHD
 SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
 SAMPLE RECEIVED: DATE/TIME 00/00/00 RECEIVED FROM: 0
 SAMPLE RECD BY: J ROPUTIC REC'D BY: 0
 SEAL'D: 0.33
 ANALYST: MAW

REMARKS: CONTRAC/WSRICASE#121410HG,S3,01324
 REMARK: INORG/HOCKY MTN LAB,MD90022
 SAMPLE LOG VERIFIED BY: TRH SAMPLE DATA VERIFIED BY: MAW

FOOTNOTES
 *A-AVERAGE VALUE *N-A-NOT ANALYZED *N/A-INTERFERENCE OF MATERIAL
 *J-ESTIMATED VALUE *N-HESUMPTIVE EVIDENCE OF INTERFERENCES
 *OK-ACUTAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MAXIMAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM IV
EPA-ESU, HEG IV

ATHENS OF TURKEY

DATA REPORTING SHEET

SAMPLE NU.: 82C2245 SAMPLE TYPE: MUNIN

PROJECT NO.: H2-104 PHOTOCOPYMENT: NSF
SUBJECT: ULTRACOUP (CASE #121)
CITY: MCINTOSH STATE: AL

STATION ID: ULRPH3
STRUCTURE NO.:

SAMPLE COLLECTION: START DATE/TIME 08/04/02
SAMPLE COLLECTION: STOP DATE/TIME 06/06/00

COLLECTED BY: J KOPUTIC RECEIVED FROM: HECDU BY:
SAMPLE REC'D: DATE/TIME: 06/09/00
SEALED:

CHEMIST: MAN
ANALYTICAL METHODS

REMAN: CONTRACT NUMBER: CASE # 12140MG-53.011323
REMARK: INORG. ROCKY MOUNTAIN LAH, MD 8021

SAMPLE LOG VTE
♦♦♦REMARKS♦♦♦

FOOTNOTES
 *AVERAGE VALUE
 *J-ESTIMATED VALUE
 *ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

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*****ANALYTICAL RESULTS*****

120077

SAMPLE AND ANALYSIS HANDBOOK RESULTS SYSTEM
 EPA-ESD, HERC IV
 ATHENS GEORGIA
 DATA REPORTING SHEET
 METALS
 SAMPLE NO.: B2C2244 SAMPLE TYPE: MONAL
 CITY: MCINTOSH
 SOURCE: OLIN CORP (CASE#12-
 STATION ID: DCP2
 SAMPLE COLLECTION: START DATE/TIME 08/04/82
 SAMPLE COLLECTION: STOP DATE/TIME 08/04/82
 SAMPLE RECEIVED FROM: 0
 SAMPLE RECEIVED DATE/TIME 00/00/00
 SAMPLE RECEIVED BY: 0
 SAMPLE RECD BY: J KOPP
 DATE/TIME 00/00/00
 ANALYSTICAL METHOD:
 CHEMIST: MAW
 11/02/82

SAMPLE AND ANALYSIS MANUFACTURE SYSTEM
EPA-ESD-HEG IV

DATA REPORTING SHEET

SAMPLE TYPE: MONOL

PROJECT NO.: BZ-164 PHO MENT: NSF
SOURCE: OLIN CORP (CASE#12)
CITY: MCINTOSH AL

REMARKS: CUNTHACHT/HWSHICASE1214!UHG+53,0D1322
INORG.HOCRY MTN LAB, MD9020

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PH: ELEMENT: NSF
SOURCE: DLIN CORP (LASER) STATE: AL
CITY: MCINTOSH

STATION I.D.: UCWP9
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,SJ,D1321
REMARK: INORG,ROCKY MTN LAB,MD9019

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
 *E-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *T-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	PHONON	01022
150	UG/L	BAHIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CADMIUM	01027
500	UG/L	COHALT	01037
16	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
2000	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
100	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
28	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
5100	UG/L	ALUMINUM	01105
90	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
9.0	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2242 SAMPLE TYPE: MONWL

PROJECT NO.: H2-164 PHU: ELEMENT: NSF
SOURCE: ULIN CORP (CASE#12)
CITY: MCINTOSH AL

STATION I.D.: OCWW8
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR(CASE#1214;ORG,S3,01320
REMARK: INORG,RUCKY MTN LAB,MD9018

SAMPLE LOG VERIFIED BY: TRB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CADMIUM	01027
500	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
50	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
100	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
2000	UG/L	ALUMINUM	01105
21	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.5	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*P-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/02/82 METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PHOTOCHEMIST: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: OCWE4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HASH(CASE#1214)OHG,S3,D1319
REMARK: INORG,ROCKY MTN LAB,MD9017

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	BARIUM	01007
50	UG/L	MERILLIUM	01012
10	UG/L	CADMIUM	01027
500	UG/L	COHALT	01037
100	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
61	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
100	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
300	UG/L	ALUMINUM	01105
22	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.32	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

1200081

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROJECT ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214) AL

CITY: MCINTOSH
STATION I.D.: UC-LPI
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
43	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
600	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CADMIUM	01027
360	UG/L	COBALT	01037
240	UG/L	CHROMIUM	01034
88	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
180	UG/L	NICKEL	01067
220	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
950	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.60	UG/L	MERCURY	71900
61000	UG/L	ALUMINUM	01105
2500	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
60	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

REMARK: CONTRACT/HWSR;CASE#1214;ORG.S3,01318

REMARK: INORG+ROCKY Mtn LAB,MD9016

SAMPLE LUG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
 *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

11-200082

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2239 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROGRAM ELEMENT: NSF
SOURCE: ULIN CURP (CASE#1214)
CITY: MCINTOSH AL

STATION I.D.: UC-MP12U

STATION NUMBER:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,01317
REMARK: INORG,ROCKY MTN LAB,MD9015

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORED
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BUON	01022
1000	UG/L	BARIUM	01007
10	UG/L	BERYLLIUM	01012
6	UG/L	CADMIUM	01027
500	UG/L	COBALT	01037
52	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
100	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
81	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
8300	UG/L	ALUMINUM	01105
220	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
6.9	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, HEG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2238 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PURCHASE ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH

STATE: AL

STATION I.D.: UC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#1214; ORG, S3, D1316
REMARK: INORG, ROCKY Mtn Lah, MD9014

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
- *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	IRON	01022
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
500	UG/L	CADMIUM	01027
36	UG/L	COBALT	01037
500	UG/L	CHROMIUM	01034
NA	UG/L	COPPER	01042
400	UG/L	MOLYBDENUM	01062
88	UG/L	NICKEL	01067
200	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
200	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
100	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
5600	UG/L	ALUMINUM	01105
76	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
3.7	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM, HEXAVALENT	01032

1 2 00084

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PROJECT ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214)
CITY: MCINTOSH

STATION I.D.: UC-E2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG.S3,U1315
REMARK: INORG,ROCKY MTN LABS,MDY013

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
- *E-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
1000	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CADMIUM	01027
500	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
88	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
32	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
680	UG/L	ALUMINUM	01105
23	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.4	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

1 2 00085

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/02/82 METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PM: ELEMENT: NSF
SOURCE: OLIN CORP
CITY: MCINTOSH

STATION I.D.: OC-E1
STATION STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE HEC'D: DATE/TIME 00/00/00 0 HEC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR CASE#1214:ORG,S3,D1314
REMARK: INORG,HUCKY MTN LAB,MD9012

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORED
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	HORON	01022
1000	UG/L	HARIUM	01007
50	UG/L	BERYLLOUM	01012
10	UG/L	CAUMIUM	01027
500	UG/L	COBALT	01037
17	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
400	UG/L	NICKEL	01067
48	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
30	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.20	UG/L	MERCURY	71900
3000	UG/L	ALUMINUM	01105
35	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.6	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

1 2 0 0 0 8 6

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD/REG IV
ATLANTA GEORGIA

11/03/82 PESTICIDES/PCPs AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C223A SAMPLE TYPE: MUNIC

PROJECT NO.: RZ-104 PHOTOCHEMIST: NSF
SOURCE: OIL IN COUP STATE: AL
CITY: MCINTOSH

STATION I.D.: OC-E1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J. KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#1214; URG, S3, D1314
REMARK: INORG, ROCKY MTN LAB, MU9012

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-HMC	39337
0.100	UG/L	META-HMC	39338
0.100	UG/L	GAHMA-HMC (LINDANE)	39340
0.100	UG/L	DLTA-HMC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	HELDREN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOL 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOL 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOL 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOL 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOL 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOL 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOL 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDU (DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAHMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE /2	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

*****NOTES*****
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
 *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

2007

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2231 SAMPLE TYPE: MONWL

PROJECT NO.: UC-164 PHASE/ELEMENT: NSF
SOURCE: ULTRACOMP LASER 1214
CITY: MCINTOSH STATES AL

STATION I.D.: UC-162
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HYDROCASE#1214;ORG.53.01315
REMARK: INOKG+ROCKY MTN LAHS+MD9013

SAMPLE LOG VERIFIED BY: TBM DATA VERIFIED BY: JMS

REMARKS

FOOTNOTES
 *A-AVERAGE VALUE #NA-NOT ANALYZED @NA-INTERFERENCES
 *J-ESTIMATED VALUE @P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.
 1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
 2: CONSTITUENTS OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAMMA-HHC (LINEANE)	39340
0.100	UG/L	DELTA-HHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	OILDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOL 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOL 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOL 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOL 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOL 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOL 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOL 1016)	34671
0.100	UG/L	TOXAPENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDI(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	39810
--	UG/L	GAMMA-CHLORDENE /2	39071
--	UG/L	1-HYDROXYCHLORDENE /2	39348
--	UG/L	GAMMA-CHLORDANE /2	39068
--	UG/L	TRANS-NONACHLOR /2	
--	UG/L	ALPHA-CHLORDANE /2	
--	UG/L	CIS-NONACHLOR /2	

1 2 0 0 0 6 8

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EUA-ESD-REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C223R SAMPLE TYPE: MUNWL

PROJECT NO.: H2-104 PHON ELEMENT: NSF
SOURCE: ULIN CDRH (CASE#1214)
CITY: MCINTOSH, AL

STATION I.D.: UC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 05/03/82 U
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 U

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 U REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HASH/CASE#1214;OHG+S3,01316
REMARK: INORG+ROCKY MTN LAB+MOY014

SAMPLE LOG VERIFIED BY: TBM DATA VERIFIED BY: JMS

REMARKS

*****FOOTNOTES*****
 *A-AVERAGE VALUE #NAI-INTERFERENCES
 *J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 #K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 #U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.
 1- WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
 2- CONSTITUENTS OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GA,1MA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOL 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOL 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOL 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOL 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOL 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOL 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOL 1016)	34671
0.100	UG/L	TOXAPENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCBs AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2234 SAMPLE TYPE: MUNIC

PROJECT NO.: AC-164 PHASE/STAGE: I
SOURCE: OLIN CORP (LASER) DATE: 11/03/82
CITY: MCINTOSH STATE: AL

STATION I.D.: OC-MP120
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUMJIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,UL1517
REMARK: INORG,ROCKY MTN LAM,HU9015

SAMPLE LOG VERIFIED BY: TRH DATA VERIFIED BY: JMS

REMARKS

MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALURIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPXIDE	39420
0.100	UG/L	ALPHA-BHC	39437
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENURIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOL 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOL 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOL 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOL 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOL 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOL 1260)	39508
0.100	UG/L	PCB-1010 (AROCLOL 1010)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDURIN ALDEHYDE	34366
0.100	UG/L	TLCU(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NUNACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NUNACHLOR /2	39068

*****FOOTNOTES*****

*A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2: CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESU-NED IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 32-104 PRO~~JECT~~ ELEMENT: NSF
SOURCE: OIL IN CUMY (CASE#1214) AL

CITY: MCINTOSH

STATION I.D.: UC-LPI
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#1214; ONG+S3.D1518
REMARK: INORG-HOLLY MTN LAB,MD9016

SAMPLE LOG VERIFIED BY: TDR DATA VERIFIED BY: JMS

REMARKS
>QUANT. FOR PHENOLS IS SUSPECT BASED ON QC DATA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
1.9	UG/L	BETA-BHC	39338
0.1/N	UG/L	GAMMA-BHC (LINDANE)	39340
0.5	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39380
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOK 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOK 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOK 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOK 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOK 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOK 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOK 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCO(DIUXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE	39810
--	UG/L	GAMMA-CHLORDENE	39071
--	UG/L	1-HYDROXYCHLORDENE	39348
--	UG/L	GAMMA-CHLORDANE	39068
--	UG/L	TRANS-NONACHLOR	39348
--	UG/L	ALPHA-CHLORDANE	39068
--	UG/L	CIS-NONACHLOR	39068

*****FOOTNOTES*****

- *A-AVERAGE VALUE *NAI-NOT ANALYZED *NAI-INTERFERENCES
- *E-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *X-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2: CONSTITUENTS OF TECHNICAL CHLORDANE.

11-200091

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-0464 IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241 SAMPLE TYPE: MINERAL

PROJECT NO.: 02-164 PROJECT ELEMENT: USE
SOURCE: ULTRON CUMP (CASEN12)
CITY: MCINTOSH

STATE: AL

STATION ID #: UCWE4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOMOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SPARES:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASEN124;0K6,53,D1319
REMARK: TURKOG-HOCKY MTN LAH-4049017

SAMPLE LOG VERIFIED BY: TDR DATA VERIFIED BY: JMS

HF MARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	394259
0.100	UG/L	ENDOSULFAN I (ALPHA)	39361
0.100	UG/L	TELEDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCH-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCH-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCH-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCH-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCH-1248 (AROCLOR 1248)	39500
0.100	UG/L	PCH-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCH-1016 (AROCLOR 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD (DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE /2	39810
--	UG/L	GAMMA-CHLORUANE /2	
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORUANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

NOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
*E-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

1200092

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-ORG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2242 SAMPLE TYPE: MONWL

PROJECT NO.: 42-164 PR [REDACTED] ELEMENT: NSF
SOURCE: ULIN CORP (CASE#12)
CITY: MCINTOSH AL

STATION I.D.: OCW-4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS

ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,01320
REMARK: INHKG, RUCKY MTN LAH,MD9018

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

*****FOOTNOTES*****
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
 *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.
 1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
 2: CONSTITUENTS OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-HCH	39337
0.100	UG/L	BETA-HCH	39338
0.100	UG/L	GAMMA-HCH (LINDANE)	39340
0.100	UG/L	DELTA-HCH	36259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOL 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOL 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOL 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOL 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOL 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOL 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOL 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	39810
--	UG/L	GAMMA-CHLORDANE /2	39071
--	UG/L	TRANS-NONACHLOR /2	39348
--	UG/L	ALPHA-CHLORDANE /2	
--	UG/L	CIS-NONACHLOR /2	39068

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 8202243 SAMPLE TYPE: MUNIC

PROJECT NO.: 82-164 PRO~~JECT~~ ELEMENT: NSF
SOURCE: OLTR CORP (LASER) DATE: 11/03/82
CITY: MCINTOSH

STATION I.D.: UCAP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J. ROMUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS

ANALYTICAL METHOD: 1

REMARKS: CONTRACT/HWSR;CASE#1214;ORG=S3;DISCT
REMARKS: INORG;ROCKY MTN LAN;MDU9019

SAMPLE LOG VERIFIED BY: TSH DATA VERIFIED BY: JMS

REMARKS

*A-AVERAGE VALUE *B-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	39420
0.100	UG/L	DIELDRIN	34361
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39380
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39300
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39320
0.100	UG/L	ENDRIN	39310
0.100	UG/L	ENDOSULFAN II (BETA)	39390
0.100	UG/L	ENDOSULFAN SULFATE	34356
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	34351
0.100	UG/L	PCB-1242 (AROCLOR 1242)	39350
0.100	UG/L	PCB-1254 (AROCLOR 1254)	39496
0.100	UG/L	PCB-1221 (AROCLOR 1221)	39504
0.100	UG/L	PCB-1232 (AROCLOR 1232)	39488
0.100	UG/L	PCB-1248 (AROCLOR 1248)	39492
0.100	UG/L	PCB-1260 (AROCLOR 1260)	39500
0.100	UG/L	PCB-1016 (AROCLOR 1016)	39508
0.100	UG/L	TOXAPHENE	34671
0.100	UG/L	ENOKIN ALDEHYDE	39400
0.100	UG/L	TCDD(DIOXIN)	34366
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	39810
--	UG/L	GAMMA-CHLORDENE /2	39071
--	UG/L	1-HYDROXYCHLORDENE	39348
--	UG/L	GAMMA-CHLORDANE /2	39068
--	UG/L	TRANS-NONACHLOR /2	
--	UG/L	ALPHA-CHLORDANE /2	
--	UG/L	CIS-NONACHLOR /2	

112400094

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/02 PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MUNWL

PROJECT NO.: HC-104 PHASE ELEMENT: NSF
SOURCE: OLIN CORP (CASE#1214) DATE: 11/03/02
CITY: MCINTOSH STATE: GA

STATION ID: UCPE2

STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSR; CASE#1214; ORG=S3+01322
REMARKS: INORG+ROCKY MTN LAB+409020

SAMPLE LOG VERIFIED BY: TBH DATA VERIFIED BY: JMS

REMARKS

FLUOTOTES
*A-AVERAGE VALUE *B-NOT ANALYZED *C=INTERFERENCES
*D-ESTIMATED VALUE *E-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*F-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*G-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.
1: IF THE VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2: CONSTITUENTS OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	HELDURIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOL 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOL 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOL 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOL 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOL 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOL 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOL 1016)	34671
0.100	UG/L	TUAAPHENNE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAHMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAHMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

4200095

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-PEG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCBs AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82L2245 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PHARMACENT: NSF
SOURCE: OIL IN COKE (CASE#1214)
CITY: MCINTOSH STATE AL

STATION I.D.: UCPH3
STORET STATION I.D.:

SAMPLE COLLECTION: START DATE/TIME 08/04/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG+S3+01323
REMARK: INORG+ROCKY MTN LAB;MD9021

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

DEFINITIONS
*A-AVERAGE VALUE *B-NOT ANALYZED *NA=INTERFERENCES
*J-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-HHC	39337
0.100	UG/L	BETA-HHC	39338
0.100	UG/L	GAMMA-HHC (LINDANE)	39340
0.100	UG/L	DELTA-HHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE)	39350
0.100	UG/L	PCB-1242 (AROCLOL 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOL 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOL 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOL 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOL 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOL 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOL 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE /2	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

1200096

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

TRANSPORTATION

PROJECT NUMBER: 11/03/82 PESTICIDES AND OTHER CHLORINATED COMPOUNDS

DATA REPORTING SHEET

WATER

SAMPLE NO.: 8222240 SAMPLE TYPE: MURK

PRODUCT NO.: 82-104 SUBJECT: ULIN COKER ELEMENT: NSF
 CITY: MCINTOSH STATION ID: UC-PH3D
 STATION NUMBER:

SAMPLE CONDITION: START DATE/TIME: 08/04/82
 SAMPLE COLLECTION: STOP DATE/TIME: 08/04/82
 CONTRACT NO.: J KOKURIC REC'D: DATE/TIME: 08/04/82
 SAMPLE REC'D: DATE/TIME: 08/04/82 REC'D BY:
 STATED:

CHEMIST: JMS
 ANALYTICAL METHOD:

REMARKS: CONTRACT NUMBER: CAST#1214;UK603301324
 REMARK: INNOVACOKER-1100 LAM, 404022

SAMPLE LOC VERIFIED BY: JMS
 REMARKS:

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORY
0.100	UG/L	ALPHADIN	34330 --
0.100	UG/L	HEPTACHLOR	349420
0.100	UG/L	HEPTACHLOR EPXUIUE	349337
0.100	UG/L	ALPHA-HMC	343318
0.100	UG/L	HETA-HMC	343340
0.100	UG/L	DELTA-HMC	342254
0.100	UG/L	ENOSULFAN I (ALPHA)	343361
0.100	UG/L	DIELURIN	343380
0.100	UG/L	4,4'-DDE (P,P'-DDT)	343390
0.100	UG/L	4,4'-DDT (P,P'-DDT)	343320
0.100	UG/L	4,4'-DDU (P,P'-DDU)	343310
0.100	UG/L	ENDOSULFAN II (BETA)	343356
0.100	UG/L	ENDOSULFAN SULFATE	343351
0.100	UG/L	CHLOKUANE (TECH. MIXTURE)	349496
0.100	UG/L	PCB-1242 (AKOCLOR 1242)	349504
0.100	UG/L	PCB-1254 (AKOCLOR 1254)	349504
0.100	UG/L	PCB-1221 (AKOCLOR 1221)	349504
0.100	UG/L	PCB-1232 (AKOCLOR 1232)	349504
0.100	UG/L	PCB-1240 (AKOCLOR 1240)	349504
0.100	UG/L	PCB-1260 (AKOCLOR 1260)	349508
0.100	UG/L	PCB-1016 (AKOCLOR 1016)	34671
0.100	UG/L	TRIETHYLENE	34366 --
0.100	UG/L	TRIETHYLALDEHYDE	34675
0.100	UG/L	TCUD (UIUKIN)	77884
---	UG/L	CHLORODENE /2	--
---	UG/L	ALPHA-CHLORUENE /2	--
---	UG/L	GAMMA-CHLORUENE /2	--
---	UG/L	1-HYDROXY-CHLORUENE /2	--
---	UG/L	GAMMA-CHLOROKUANE /2	--
---	UG/L	TRANS-NONACHLOR /2	--
---	UG/L	ALPHA-CHLOROKUANE /2	--
---	UG/L	CIS-NONACHLOR /2	--
39810	---		34330 --
39071	---		34337 --
39348	---		343318 --
39068	---		343340 --

*****NOTES*****

***FUTURE REFERENCES
 ANALYSTS ANALYZE AND INTERFERENCES
 AND ESTIMATE VALUE AND INTERFERENCES OF PRESENCE OF MATERIAL

ANALYST VALUE IS QUOTED IN THE LESS THAN VALUE GIVEN
 AND MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM DETECTION LIMIT. THE NUMBER IS
 1. THE NUMBER VALUE IS REPORTED. SEE CHLORUANE CONSTITUENTS.

2. CONSTITUENTS OR TECHNICAL CHLORUANE.

12 00097

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESTD REG IV
ATHENS GEORGIA

11/03/92 PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: d202247 SAMPLE TYPE: MUNICL

PROJECT ID #: 82-164 PHOTOCHEMIST: USF
SOURCE: DEEP CREEK (CASE#1214) AL

CITY: MCINTOSH
STATION I.D.: OC-13
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/04/92 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HASH:CASE#1214;URG+S3+01325
REMARK: INOKO,KOLKY MTN LAH,MD9023

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE BNA-NOT ANALYZED *NAT-INTERFERENCES
*J-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITTUENTS OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
1.8N	UG/L	ALPHA-HHC	39337
0.100	UG/L	BETA-HHC	39338
2.5N	UG/L	GAMMA-HHC (LINDANE)	39340
0.20	UG/L	DELTA-HHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39320
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39310
0.100	UG/L	ENDHIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOL 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOL 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOL 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOL 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOL 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOL 1260)	39508
0.100	UG/L	PCB-1010 (AROCLOL 1010)	34671
0.100	UG/L	TOXAPHERENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE /2	39810
--	UG/L	GAMMA-CHLORDANE /2	39071
--	UG/L	TRANS-NONACHLOR /2	39368
--	UG/L	ALPHA-CHLORDANE /2	
--	UG/L	CIS-NONACHLOR /2	39068

1 2 0 0 0 9 8

SAMPLE AND DATA MANAGEMENT SYSTEM

ATHEMS ORKOKLA

11/03/82 PESTICIDES/PCP'S AND OTHER UNIDENTIFIED COMPOUNDS
DATA REPORTING SHEET

SAMPLE NO.: 82-104 SAMPLE TYPE: MUNIC

PROJECT NO.: 82-104 DATE/ TIME: 11/03/82

SUBJECT: OILY CUMULUS (SUSPENDED) CITY: AL

STATION/ LOCATION: MCINTOSH

STORED/ STATUS: UNKNOWN

SAMPLE COLLECTION: START DATE/ TIME: 11/03/82
SAMPLE COLLECTION: STOP DATE/ TIME: 11/03/82

COLLECTED BY: J RUPPKE RECEIVED BY:

SAMPLE REC'D: DATE/TIME 00/00/00 RECEIVED BY:

STATED BY:

CHEMIST: JMS

ANALYTICAL METHOD:

REMARK: CONTRACT NUMBER: 1214:06053:01327

REMARK: INORGANIC MIN LAM, MUD 25

SAMPLE LOG VERIFIED BY: JMS DATA VERIFIED BY: JMS

MISC. ORGANIC COMPOUNDS NOT QUANTITATED

RESULTS

UNITS COMPOUND

ALPHIN

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSU-SPEDS IV
ATLANTA, GEORGIA

11/03/82 PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 8202250 SAMPLE TYPE: MUNWL

PROJECT NO.: R2-104 PHARMACEUTICAL: NSF
SOURCE: DDT CORP (CASE #12145)
CITY: MCINTOSH

STATION I.D.: UC-HR
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 00/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J. KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HASH/CASE #12145;RG653+01328
REMARK: 11006, ROCKY Mtn Lab 10/02

SAMPLE LOG VERIFIED BY: TRH DATA VERIFIED BY: JMS

REMARKS:
QUANT. FOR PHENOLS IS SUSPECT BASED ON QC DATA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.050	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
2.4	UG/L	GAMMA-BHC (LINDANE)	39340
0.200	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD (DIOXIN)	36675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

FOOTNOTES

- *A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
- *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2: CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
FEDERAL SURVEY IV
ATLANTA, GEORGIA

11/03/82 PESTICIDES/PCH'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NU.: 82C2251 SAMPLE TYPE: MUNWL

PROJECT NO.: H2-164 PHOTOCOUPLENCE: NST
SOURCE: OILIN CORP (CLAYTON) AL
CITY: MCINTOSH AL

STATION I.D.: UCR10
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPULIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS

ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#1214; ORG#53-01329
REMARK: INTRK+ROCKY MTN LAH+MDY027

SAMPLE LOG VERIFIED BY: TSH DATA VERIFIED BY: JMS

REMARKS

FOOTNOTES
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
 *E-ESTIMATED VALUE *P-EPSUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *T-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.
 1. WHEN NO VALUE IS REPORTED, SEE CHLORUANE CONSTITUENTS.
 2. CONSTITUENTS OF TECHNICAL CHLORUANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPoxide	39420
3.2	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
5.01	UG/L	GAMMA-BHC (LINDANE)	39340
1.31	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORUANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOX 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOX 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOX 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOX 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOX 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOX 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOX 1016)	34671
0.100	UG/L	TUXAPHENNE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE /2	
--	UG/L	GAMMA-CHLORUANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORUANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESU-REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCBs AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MUNWL

PROJECT NO.: 62-164 PH: ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1) AL

CITY: MCINTOSH

STATION I.D.: UCWP3

STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS

ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#1214; ORG.S3,01330
REMARK: INORG, ROCKY MTN LAB, MO9028

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: JMS

REMARKS
>QUANT. FOR PHENOLS IS SUSPECT BASED ON GC DATA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ENDURIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-HHC	39337
0.100	UG/L	BETA-HHC	39338
0.100	UG/L	DELTA-HHC	39340
0.100	UG/L	ENDOSULFAN I (ALPHA)	34259
0.100	UG/L	DIENDURIN	34361
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39380
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39300
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDURIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOL 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOL 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOL 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOL 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOL 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOL 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOL 1016)	34671
0.100	UG/L	TUXAPHENE	39400
0.100	UG/L	ENDURIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

FOOTNOTES

*A-AVERAGE VALUE *NAI-NOT ANALYZED *NAI-INTERFERENCES
**ESTIMATED VALUE **N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
**R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

**U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

200103

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD/HLEG IV
ATHENS GEORGIA

11/03/02 PESTICIDES/PCBs AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MUNWL

PROJECT NO.: N2-104 PROJECT ELEMENT: NSF
SOURCE: ULTRACOOL (LASER) STATE: AL
CITY: MCINTOSH

STATION I.D.: UCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/05/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEAL#:

CHEMIST: JMS

ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;UHG+SJ+01331
REMARK: INORG,RUCKY MTN LAB+MD9029

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

ONE HxC ISOMER CONFIRMED BY GC/MS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
50	UG/L	ALURIN	39330
50	UG/L	HEPTACHLOR	39410
50	UG/L	HEPTACHLOR EPOXIDE	39420
50	UG/L	ALPHA-HxC	39337
50	UG/L	BETA-HxC	39338
50	UG/L	GAMMA-HxC (LINDANE)	39340
50	UG/L	DELTA-HxC	34259
50	UG/L	ENDOSULFAN I (ALPHA)	34361
50	UG/L	DIELDRIN	39380
50	UG/L	4,4'-DDT (P,P'-DDT)	39300
50	UG/L	4,4'-DDE (P,P'-DDE)	39320
50	UG/L	4,4'-DDD (P,P'-DDD)	39310
50	UG/L	ENDRIN	39390
50	UG/L	ENDOSULFAN II (BETA)	34356
50	UG/L	ENDOSULFAN SULFATE	34351
50	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
50	UG/L	PCB-1242 (AROCLOL 1242)	39496
50	UG/L	PCB-1254 (AROCLOL 1254)	39504
50	UG/L	PCB-1221 (AROCLOL 1221)	39488
50	UG/L	PCB-1232 (AROCLOL 1232)	39492
50	UG/L	PCB-1248 (AROCLOL 1248)	39500
50	UG/L	PCB-1260 (AROCLOL 1260)	39508
50	UG/L	PCB-1016 (AROCLOL 1016)	34671
50	UG/L	TOXAPHENE	34400
50	UG/L	ENDRIN ALDEHYDE	34366
50	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE	/2
--	UG/L	GAMMA-CHLORDENE	/2
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE	/2
--	UG/L	TRANS-NONACHLOR	/2
--	UG/L	ALPHA-CHLORDANE	/2
--	UG/L	CIS-NONACHLOR	/2

NOTES

- *A=AVERAGE VALUE *NA=NOT ANALYZED *NI=INTERFERENCES
 - *E=ESTIMATED VALUE *NP=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 - *L=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 - *U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

1200104

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCH'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2254 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PH: 7.0 ELEMENT: NSF
SOURCE: ULTRACURR (CASE#1214) STATE: AL
CITY: MCINTOSH

STATION I.D.: UC-OL1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR(CASE#1214)ORG-S3-D1332
REMARK: INORG, ROCKY Mtn LAB, MO9030

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
TWO PHC ISOMERS CONFIRMED BY GC/MS

*****FOOTNOTES*****
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
 *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
50	UG/L	ALDRIN	39330
50	UG/L	HEPTACHLOR	39410
50	UG/L	HEPTACHLOR EPOXIDE	39420
57N	UG/L	ALPHA-BHC	39337
65	UG/L	BETA-BHC	39338
37	UG/L	GAMMA-BHC (LINDANE)	34259
6.5	UG/L	DELTA-BHC	39340
50	UG/L	ENDOSULFAN I (ALPHA)	34361
50	UG/L	DIELDRIN	39380
50	UG/L	4,4'-DDT (P,P'-DDT)	39300
50	UG/L	4,4'-DDE (P,P'-DDE)	39320
50	UG/L	4,4'-DDD (P,P'-DDD)	39310
50	UG/L	ENDRIN	39390
50	UG/L	ENDOSULFAN II (BETA)	34356
50	UG/L	ENDOSULFAN SULFATE	34351
50	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
50	UG/L	PCB-1242 (AROCLOL 1242)	39496
50	UG/L	PCB-1254 (AROCLOL 1254)	39504
50	UG/L	PCB-1221 (AROCLOL 1221)	39488
50	UG/L	PCB-1232 (AROCLOL 1232)	39492
50	UG/L	PCB-1248 (AROCLOL 1248)	39500
50	UG/L	PCB-1260 (AROCLOL 1260)	39508
50	UG/L	PCB-1016 (AROCLOL 1016)	34671
50	UG/L	TOXAPHENE	39400
50	UG/L	ENDRIN ALDEHYDE	34366
50	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE /2	
--	UG/L	GAMMA-CHLORDANE /2	
--	UG/L	TRANS-NONACHLOR /2	
--	UG/L	ALPHA-CHLORUANE /2	
--	UG/L	CIS-NONACHLOR /2	

11200105

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-HEG IV
ATHENS GEORGIA

11/05/82 MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

*****ANALYTICAL RESULTS*****

AN RESULTS IN: U/G/L COMPOUND NAME
E N PENTACHLOROBENZENE
E -- 3 UNIDENTIFIED COMPOUNDS
V -- 1 UNIDENTIFIED COMPOUND

SAMPLE NO.: 82C2250 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PHO: [REDACTED] MENT: NSF
SOURCE: ULIN CUMP (LASER) [REDACTED]
CITY: MCINTOSH AL

STATION I.D.: OC-BR8
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/NAME[,]/TIME 00/00/00 0

COLLECTED BY: J. KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE[,]/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,01528
REMARK: INORG,ROCKY MTN LAB,MD9026

SAMPLE LOG VERIFIED BY: TRH DATA VERIFIED BY: JMS

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

200106

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-AT-SITES IV
ATHENS GEORGIA

11/04/82 MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 52C6254 SAMPLE TYPE: MUINWL

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
 E N TRICHLUOROBENZENE (NOT 1,2,4)
 E N TETRACHLOROBENZENE (2 ISOMERS)
 E N PENTACHLOROBENZENE
 E N THIOLISHENZENE
 E N PETROLEUM PRODUCT
 E -- 3 UNIDENTIFIED COMPOUNDS
 V N TRICHLOROPROPANE
 V N DICHLOROCYCLOHEXANE
 V -- 1 UNIDENTIFIED COMPOUND

PROJECT NO.: 82-104 PH RENT: NSF
SOURCE: OIL COIN CASE 12
CITY: MCINTOSH AL

STATION I.D.: DC-0L1
STREET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/00/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J. KUMARIC RECEIVED FROM:
SAMPLE RECORD: DATE / TIME: 00/10/00 U RECORD BY:
STATED:

**CHEMIST:
ANALYTICAL METHOD:**

REMARK: CONTRACT/4W5K:CASE#121460KG+53+01332
REMARK: INQ-12, RULY 1111 LAM, 109030

SAMPLE LOG VERIFIED BY: [Signature] DATA VERIFIED BY: [Signature]

~~88-00000~~ 88-00000
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

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FOOTNOTES

•
•-AVERAGE VALUE ~~ANALYZED~~ FINAL-INTERFERENCES
•-ESTIMATED VALUE ~~AN-PRESUMPTIVE~~ EVIDENCE OF PRESENCE OF MATERIAL
•-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
•-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
•-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
•-THE MINIMUM DETECTION LIMIT.

2007

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESTD-REG IV
ATLANTA, GEORGIA

11/04/02

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
AFTER

SAMPLE NO.: 02C02253 SAMPLE TYPE: MOBILE

PROJECT NO.: RC-104 PHASE: PRELIMINARY
SOURCE: ULTRACORE COASTER II
CITY: MCINTOSH

STATION I.D.: OCLP4
STORED STATION ID:

SAMPLE COLLECTION: START DATE/TIME 04/05/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J. KUPUTIC RECEIVED FROM:
SAMPLE RECEIVED DATE/TIME 00/00/00 0 RECEIVED BY:
SEALED:

CHEMIST: ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSR/CASE#12146046+55+01331
REMARKS: THURSDAY AM EARLY 02/02/02

SAMPLE LOG VERIFIED BY: TBS DATA VERIFIED BY: DGR

**PRELIMINARY

DISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****ANALYTICAL RESULTS*****

AN RESULTS	IN: ug/L	COMPOUND NAME
E N		TRICHLOROBENZENE (NOT 1,2,4)
E N		TETRACHLOROBENZENE (2 ISUMERS)
E N		PENTACHLOROBENZENE
E N		PENTACHLORONITROBENZENE
E --		FLUOROMIPHENYL
V N		1 UNIDENTIFIED COMPOUND
V --		BROMOBENZENE
		1 UNIDENTIFIED COMPOUND

1200108

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPHA-ESD Version IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: ug/l COMPOUND NAME
E -- I UNIDENTIFIED COMPOUND
V -- I UNIDENTIFIED COMPOUND

11/04/2022

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET

SAMPLE NO.: BPL6228 SAMPLE TYPE: MULW

PROJECT NO.: 36-184 PHASE: 1
SOURCE: DTIC CORP (CLASSIFIED)
CITY: MCLEANSBORO

STATION I.D.: UCWP3
STORE STATION: 103

SAMPLE COLLECTION: START DATE/TIME: 07/05/06 00
SAMPLE COLLECTION: STOP DATE/TIME: 07/05/06 00

COLLECTED BY: J. KOPPITIC RECEIVED FROM:
SAMPLE NUMBER: DATE/TIME: 00/00/00 BY:
SEALED:

**CHEMIST:
ANALYTICAL METHODS**

REMARKS : CONTRACT/HWSR:CASE#121400653+01330
REMARKS : F005-00000000000000000000000000000000

SAMPLE LOG VERIFIED BY: JEN DATA VERIFIED BY: DUN

Digitized by srujanika@gmail.com

更多資訊請參閱《中華人民共和國公司法》、《中華人民共和國證券法》、《上市公司章程指引》、《上市公司治理準則》等法律法規。

FOOT NOTES
"A-AVERAGE VALUE "B-NOT ANALYZED "C1-INTERFERENCES
"D-ESTIMATED VALUE "D-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
"E-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
"F-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
"G-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE NUMBER OF DETECTION LIMIT.

601.00 2

**CAPTURE AND ANALYSIS ENVIRONMENT SYSTEM
CPT-ESED-IV
AEROTEC CORPORATION**

11/114/2015

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAHPLT 110.1: 00100021 SAHPLT 110.1: 00100021

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
 E H TRICHLOROBENZENE (NUT 1.064)
 E N TETRACHLOROBENZENE (2 ISOMERS)
 E H PENTACHLOROBENZENE
 E N FLUORUMIPHENYL
 E N PETROLEUM PRODUCT
 E -- * UNIDENTIFIED COMPOUNDS

PROJECT NO.: D-12-104
SOURCE: DEPT. OF COM. (CLASSIFIED)
CITY: MCLEOD

STATION 1.0.1 (CENSUS
STREET STATION 101)

SAMPLE COLLECTION# START DATE/TIME 08/05/82 0
SAMPLE COLLECTION# STOP DATE/TIME 08/06/00 0

SAMPLE COLLECTED BY: DATE: TIME: 00/00/00
COLLECTED BY: J. KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE: TIME: 00/00/00 REC'D BY:
SEALED:

**CHAPTER I:
ANALYTICAL INFORMATION**

REMARKS: CONTRACT NUMBER: 1214-00653-0134
REMARKS: FUNDING NUMBER: 4114-L00000000000

Figure 1. The relationship between the number of species and the area of the study region.

SAMPLE LOG VERIFIED BY: DOR DATA VERIFIED BY: DOR

06411 1.4-5632
1166 1100-MLC

1.150. ORGANIC COMPOUNDS AND QUATERNARY

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8-#FOOT STEPS
 9-AVERAGE VALUE 9-ONE-OUT ANALYSIS 9-#1-INTERFACES
 9-1-ESTIMATED VALUE 9-N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 9-ACTUAL VALUE IS EQUAL TO OR LESS THAN VALUE GIVEN
 9-1-ACTUAL VALUE IS EQUAL TO OR GREATER THAN VALUE GIVEN
 9-1-MATERIAL WAS AT THE END FOR FULL BUT UNDETECTED. THE NUMBER IS
 * THE NUMBER OF SECTION UNITS.

20010

*****ANALYTICAL RESULTS IN: U/G/L COMPOUND NAME
AN RESULTS IN: U/G/L COMPOUND NAME
E -- I UNIDENTIFIED COMPOUND
V -- BICLOROHEXYL

SAHIE TYPE: MINI
SAHIE NO.: 422249
SAHIE ID: 422249
REPORT TO: SECRET
SUBMISSIONS ANALYSTS
SUBMISSIONS 005
SUBMISSIONS 004
SUBMISSIONS 003
SUBMISSIONS 002
SUBMISSIONS 001

וְאַתָּה תִּשְׁמַח
בְּעֵדֶן וְאַתָּה
תִּשְׁמַח בְּעֵדֶן

א-לְמִזְבֵּחַ וְעַמְלָנִים

גָּדְעָן

אָמַרְתִּי אֶל־יְהוָה אֱלֹהֵינוּ מֶלֶךְ כָּל־הָאָרֶץ:

28/9/11

44-A-VARIOUS VARIETIES OF VULPES
45-1-STYLIZED VULPES
46-2-ACRODIAL VULPES
47-3-ACRODIAL VULPES
48-4-ACRODIAL VULPES
49-5-ACRODIAL VULPES
50-6-ACRODIAL VULPES
51-7-ACRODIAL VULPES
52-8-ACRODIAL VULPES
53-9-ACRODIAL VULPES
54-10-ACRODIAL VULPES
55-11-ACRODIAL VULPES
56-12-ACRODIAL VULPES
57-13-ACRODIAL VULPES
58-14-ACRODIAL VULPES
59-15-ACRODIAL VULPES
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145-101-ACRODIAL VULPES
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170-126-ACRODIAL VULPES
171-127-ACRODIAL VULPES
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176-132-ACRODIAL VULPES
177-133-ACRODIAL VULPES
178-134-ACRODIAL VULPES
179-135-ACRODIAL VULPES
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192-148-ACRODIAL VULPES
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197-153-ACRODIAL VULPES
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203-159-ACRODIAL VULPES
204-160-ACRODIAL VULPES
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206-162-ACRODIAL VULPES
207-163-ACRODIAL VULPES
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212-168-ACRODIAL VULPES
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214-170-ACRODIAL VULPES
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216-172-ACRODIAL VULPES
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224-180-ACRODIAL VULPES
225-181-ACRODIAL VULPES
226-182-ACRODIAL VULPES
227-183-ACRODIAL VULPES
228-184-ACRODIAL VULPES
229-185-ACRODIAL VULPES
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231-187-ACRODIAL VULPES
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234-190-ACRODIAL VULPES
235-191-ACRODIAL VULPES
236-192-ACRODIAL VULPES
237-193-ACRODIAL VULPES
238-194-ACRODIAL VULPES
239-195-ACRODIAL VULPES
240-196-ACRODIAL VULPES
241-197-ACRODIAL VULPES
242-198-ACRODIAL VULPES
243-199-ACRODIAL VULPES
244-200-ACRODIAL VULPES

1953. ORGANIC COMPOUNDS NOT QUANTITATIVELY ANALYZED

SAFETY & LOGISTICS TEAM AREA: Team
DETAILED INFORMATION: JOHN BROWN/JOHN LAMAR/LAUREN LAMAR/1234567890/33011237

CHARTER; THE

SEARCHED COLLECTED SERIALIZED INDEXED FILED DATED 7/19/98 00/00/00 BY: RECEIVED 4/20/98

00/00/00 00:00:00 2011/01/01 00:00:00 00/00/00 00:00:00 2011/01/01 00:00:00

卷之三

450-11384 248 6 1-29 100 104008

APPEAL NO.: A5222249 DATE: MUNICIPAL

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E -- 2 UNIDENTIFIED COMPOUNDS

11/04/26 MISCELLANEOUS ANALYSIS
 DATA REPORTING SHEET
 WATER

SAMPLE NO.: 366224-1 SAMPLE TYPE: HUMAN

STATION 100-10000
STREET STATION 100

SAMPLE COLLECTION#1: START DATE/TIME: 04/05/02 0
SAMPLE COLLECTION#1: STOP DATE/TIME: 04/05/02 0

COLLECTED BY: J. KOMUTIC
SAMPLE RECEIVED DATE: 07/17/00 RECEIVED BY:
SEARCHED:

CHAPTER: ANALYTICAL METHODS

REMARK: CONTINALT/HNSR; CASE #1214; ORG #739BL1320
REMARK: 100-GEN-0004 BLDG. LBN # 109024

SAMPLE LOG VERIFIED BY: LOS DATA VERIFIED BY: DUR

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MFG. OF JC COMPAGN

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二〇〇一·二

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPRI-EQUITY IV
ATLANTA, GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: ug/L COMPOUND NAME
E N TETRACHLOROBENZENE
E -- 2 UNIDENTIFIED COMPOUNDS

11/04/92

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 02LC247 SAMPLE TYPE: HOLLOW

PROJECT NO.: 82-16+ PHASE/MENT: 1SF
SOURCE: DURG CORP (CASE#1214) MATERIAL

STATION ID#: 02LC247
STORE STATION: 100

SAMPLE COLLECTION: START DATE/TIME 09/04/92 0
SAMPLE COLLECTION: STOP DATE/TIME 09/04/92 0

COLLECTED BY: J KOPITIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 09/04/92 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARKS: CONTRACT/H-SH;CASE#1214;DURG;S301325
REMARKS: INORGANIC ATN LAB-M09023

SAMPLE LOG VERIFIED BY: Tom DATA VERIFIED BY: DUR

REMARKS: SENS

MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****FOOTNOTES*****

*A-AVERAGE VALUE *B-BUT ANALYZED *C-CALC-INTERFERENCES
*D-ESTIMATED VALUE *E-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*F-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*H-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1 2 0 U 1 1 3

SOURCE AND ANALYSIS MANAGEMENT SYSTEM SAMS-EQUIPPED IV ATHENS BLOCK/H

11/04/2022

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET

*****ANALYTICAL RESULTS*****

SAMPLE NO.: HCC02240 SAMPLE TYPE: MUSICAL

PROJECT NUMBER: 00-154 SUBJECT: 0011-CORE (LNUST#1) CITY: MCINTOSH ELEMENT: 108

STATION 100% OVER
SIXTY STATIONS

SAMPLE COLLECTED: 07/07/06 16:11:00 03/04/02 0
SAMPLE COLLECTED: 07/07/06 16:11:00 03/04/02 0

COLLECTED BY: J. KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME: 00/00/00 0 RECORD BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARKS: CONTRACT NUMBER: E1214006-03-01323
REMARKS: (NOH) - MULY BLDG 1455, DURBAN

SEARCHED INDEXED SERIALIZED FILED BY: [Signature] DATE SEARCHED BY: [Signature]

• 88-1144-See
B1SC-980-21C C-2000000 001 0000111110

www.nature.com/scientificreports/

200114

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
TESTSUITE IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: ug/L COMPOUND NAME
E -- 3 UNIDENTIFIED COMPOUNDS

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
water

SAMPLE NO.: 8200244 SAMPLE TYPE: HUNWL

PRODUCT ID #: 820104 PROV. ELEMENT: USE
SOURCE: OIL COMP (USE) ELEMENT: USE
CITY: INCINERATOR

STATION ID #: 0CP02
STORED STATION: 1793

SAMPLE COLLECTION: START DATE/TIME: 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME: 08/04/82 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME: 08/04/82 REC'D BY:
SEALED:

TESTS:
ANALYTICAL METHODS:

REMARKS: CONTRACT NUMBER: 1214300953+01322
REMARKS: TRAVERSIBILITY: MINI CANISTER 09020

SAMPLE DATA VERIFIED BY: DOR DATA VERIFIED BY: DOR

EXPERIMENTER:

MISC. ORGANIC COMPOUNDS NOT IDENTIFIED

XX

PRODUCT NOTES

RA-AVERAGE VALUE: UNKNOWN ANALYZED. RAI-INTERFERENCES
RU-STIMATED VALUE: OTHER SUGGESTIVE EVIDENCE OF PRESENCE OF MATERIAL
RE-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
RI-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
NU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE NUMBER OF DETECTION LIMIT.

4 2 00115

SOURCE AND ANALYSIS MANAGEMENT SYSTEM
DATA-SOURCES IV
ATHENS GEORGIA

11/114/1983

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET

*****ANALYTICAL RESULTS*****

SAMPLE NO.: 0666243 SAMPLE TYPE: MULW

PROJECT NO. 10-107-104 - PINE GROVE - HSP
SOURCE: OPI - CDR (Case 1)
CLT: 10/10/1964

**STATION FIVE: GARDEN
STORE & STATIONERY**

SAMPLE COLLECTION: 31291 DATE/TIME: 03/04/02 0
SAMPLE COLLECTION: 31292 DATE/TIME: 03/04/02 0

COLLECTED BY: J. KUPFERMAN RECEIVED FROM:
SAMPLE NUMBER: DATE/TIME: 06/06/00 V-RECD/HY
SEALED:

**LIE : IST :
ANALYTICAL OF THOUGHT**

DEFENDANT: CONTRACT/HHS-GENCEN-1214026-53901321
PLAINTIFF: HHS-GENCEN-1214026-53901321

SAMPLE 100% VERIFIED BY: [REDACTED] DATE VERIFIED BY: [REDACTED]

92 Oct '04 10:58 AM

186. ORGANIC COMPOUNDS NOT IDENTIFIED

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***FOOT-OTS88
4-AVERAGE VALUE STANDARD ANALYZED FINAL-INTERFERENCES
5-ESTIMATED VALUE SUPER SENSITIVE EVIDENCE OF PRESENCE OF MATERIAL
6-ACTUAL VALUE IS EQUAL TO OR LESS THAN VALUE GIVEN
7-ACTUAL VALUE IS EQUAL TO OR GREATER THAN VALUE GIVEN
8-MATERIAL HAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
9-THE MILLION OF DETECTION LIMIT.

20116

112 00117

*****ANALYTICAL RESULTS *****
AN RESULTS IN: 06/L COMBINED COMPOUND
I UNIDENTIFIED COMPOUND

2014-07-14 10:50:25 17
2014-07-14 10:50:25 18
2014-07-14 10:50:25 19

Digitized by srujanika@gmail.com

לעומת מודו; מילון; מילון; מילון;

2017-01-11

ANALYTICAL RESULTS
PROJECT NUMBER: 3222241

RESULTS IN: UGL COMPOUND NAME
E UNIDENTIFIED COMPOUNDS

11/09/92
MISCELLANEOUS ANALYSIS
OKINAWA, JAPAN

SAMPLE NO.: 3222241 SAMPLE TYPE: Animal

PROJECT NO.: 3222241 DATE: 11/09/92
SUBJECT: OUT: COTTON TO SUEZ
CITY: ALEXANDRIA

STATION NAME: OUT

SAMPLE COLLECTION DATE: 11/09/92
SAMPLE COLLECTION TIME: 00/00/00
COLLECTED BY: JAMES R. MCLELLAN FROM:
SHIP: ST. LOUIS
ANALYST: JAMES R. MCLELLAN

REMARKS: COLLECTED FROM COTTON TO SUEZ
PREDATOR: PREDATOR UNKNOWN

COLLECTOR: JAMES R. MCLELLAN TIME: 00/00/00
ANALYST: JAMES R. MCLELLAN
MSIC: OUT, MSIC CONDITIONS AND WORKING

EXPLANATION OF DIFFERENCE: THE DIFFERENCE IS DUE TO THE USE OF THE
ACTUAL VALUE, WHICH IS REFERRED TO AS THE "TRUE" VALUE. THE ACTUAL
VALUE IS REFERRED TO AS THE "TEST" VALUE. THE ACTUAL VALUE IS
CALCULATED AS THE TEST VALUE FOR THE SAMPLE. THE NUMBER IS
THE NUMBER OF THE SAMPLE.

200119

*****ANALYTICAL RESULTS*****
AN RESULTS IN: 06/01/06 COMPOUND NAME
E -- ? UNKNOWN ? UNIDENTIFIED COMPOUNDS

REPORT ID: 11709782
ANALYST: HANDBOOK SEARCHED
SEARCHED BY: 06/01/06
SAMPLE TYPE: UNKNOWN
SAMPLE NO.: 8262240

SEARCHED BY: 06/01/06

SEARCHED BY: 06/01/06
ANALYST: HANDBOOK SEARCHED
SEARCHED BY: 06/01/06

SEARCHED BY: 06/01/06

NAME: DIMITRIOS KARAKIS 06/01/06
ADDRESS: 1000 10TH ST NW SUITE 1000 WASHINGTON DC 20004
PHONE: 202-467-4300
FAX: 202-467-4300
EMAIL: DIMITRIOS.KARAKIS@DOJ.GOV

*****ANALYTICAL RESULTS*****
AN RESULTS IN: 06/01/06 COMPOUND NAME
E -- ? UNKNOWN ? UNIDENTIFIED COMPOUND
3-AVAPRIL-14 VALUE 2414086430318 REASERCHERS OF HAZARDOUS
43-ESTUATED VALUE 2414086430318 REASERCHERS OF HAZARDOUS
51-ACIDIC VALUE 15 PPM TO BE IDENTIFIED THIS VALUE IS
61-MATERIAL VALUE 15 PPM TO BE IDENTIFIED THIS VALUE IS
71-TESTED MATERIAL VALUE 15 PPM TO BE IDENTIFIED THIS VALUE IS
81-TESTED MATERIAL VALUE 15 PPM TO BE IDENTIFIED THIS VALUE IS
91-TESTED MATERIAL VALUE 15 PPM TO BE IDENTIFIED THIS VALUE IS

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
E-RESUME IV
ATLANTA, GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: ug/L COMPOUND NAME
E IN PETROLEUM PRODUCT
E -- 2 UNIDENTIFIED COMPOUNDS

11/04/02

MISCELLANEOUS ANALYSIS
DATA REPORT FORM SHEET
SAFETY

SAMPLE NO.: 8262234 SAMPLE TYPE: MINERAL

PROJECT NO.: AC-154 PROJ. CLIENT: USE
Subject: OIL IN CORE (CASE #1214)
CITY: ATLANTA, GA

STATION I.D.: OC-1012
STORE STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/03/02 0
SAMPLE COLLECTION: STOP DATE/TIME 09/03/02 0

COLLECTED BY: J. ROMMIE RECEIVED FROM:
SAMPLE RECEIVED DATE/TIME 09/10/02 0 REC'D BY:
STAFF:

CHELIST:
ANALYTICAL METHOD:

REMARKS: CONTRACT/HWRC/CASE#1214;GRU+S3,D1317
REMARKS: UNKNOWN HTH-LAN-GUS015

SAMPLE LOG VERIFIED BY: DMR DATA VERIFIED BY: DMR

**NOTE: MARKS: SSS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

XX

NOTES

**-ACTUAL VALUE - VALUE NOT ANALYZED - THAT-EVIDENCE OF MATERIAL
**-ESTIMATED VALUE - UNKNOWN- EVIDENCE OF PRESENCE OF MATERIAL
**-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
**-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
**-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE NUMBER OF DETECTION LIMIT.

11200120

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
CHESAPEAKE IV
ATLANTA, GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E N HICYCLOHEXYL
E -- I UNIDENTIFIED COMPOUND

11/04/02 MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 826223B SAMPLE TYPE: MINERAL

PRODUCT ID: 826223B PROJECT CODE: USE
SUBJECT OF TEST: CONTRACT TEST
CITY: ATLANTA, GA STATE: GA

STATION ID: 00-212
STREET STATION ID:

SAMPLE COLLECTION: START DATE/TIME 09/03/02 0
SAMPLE COLLECTION: STOP DATE/TIME 09/03/02 0

COLLECTED BY: J. KUPITIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 09/03/02 REC'D BY:
STATED:

CHEMIST:
ANALYTICAL METHOD:

REMARKS: CONTRACT/HIGHWAY 41214 TURNOFF, D1310
REMARKS: 1 MILE ROCKY Mtn LANE, D1310

SAMPLE LAB VERIFIED BY: JEN DATA VERIFIED BY: UGR

*****NOTES*****
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****NOTES*****
*A-AVERAGE VALUE *B-MATERIAL ANALYZED *D-MIN-INTERFERENCES
*E-ESTIMATED VALUE *F-PERCENTIVE EVIDENCE OF PRESENCE OF MATERIAL
*G-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*H-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*I-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

112-00121

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-STORED IN
ATLANTA, GEORGIA

11704700

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
VATE

*****ANALYTICAL RESULTS*****

AN RESULTS IN: ug/L COMPOUND NAME
E N BICYCLOHEXYL
E -- 3 UNIDENTIFIED COMPOUNDS

SAMPLE NO.: 5262231 SAMPLE TYPE: UNKNOWN

PROJECT ID: 100-104 PROJECT NUMBER: 104
SOURCE: 90101 COMM. (CONTRACT)
CITY: MCINTOSH STATE: AL

STATION ID: DC-12
STORED STATION ID:

SAMPLE COLLECTION: START DATE/TIME: 03/06/06 0
SAMPLE COLLECTION: STOP DATE/TIME: 03/06/06 0

COLLECTED BY: J. KIRKETIC RECEIVED FROM:
SAMPLE RECORD: DATE/TIME: 03/06/06 REC'D BY:
CREATED:

CHROMATOGRAPHIC METHOD:

RELEASER: CONTRACT/HNSPC/SP-1214/06-03-015
NUMBER: 100-104-01214/06-03-015

SAMPLE LOG VERIFIED BY: DSS DATA VERIFIED SYS: DSS

RECORDED BY: DSS

MISC. ORGANIC COMPOUNDS NOT IDENTIFIED

XX

DEFINITION OF CODES:
A=AVG. ACTUAL VALUE IS APPROXIMATELY AS ALYZED
B=ESTIMATED VALUE IS APPROXIMATELY EVIDENCE OF PRESENCE OF MATERIAL
C=ACTUAL VALUE IS EQUAL TO OR LESS THAN VALUE GIVEN
D=ACTUAL VALUE IS EQUAL TO OR GREATER THAN VALUE GIVEN
E=SUBSTRATE WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1 2 0 0 1 2 2

1200123

SAMPLE NO.: 822236 SAMPLE TYPE: HOLLOW

822236
SAMPLE NUMBER: 822236

11/26/88

CHLOROCYCLOHEXANE

SAMPLE AND ANALYSTS UNKNOWN

ANALYSTS UNKNOWN

AN RESULTS IN: UGL CHLOROCYCLOHEXANE
ANALYSTS UNKNOWN

ANALYTICAL RESULTS UNKNOWN

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPH-ESD-REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORED
00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: M2C2236 SAMPLE TYPE: MUNWL

PROJECT NO.: OC-104 PHOTOCOULEMENT: NSF
SOURCE: ULTRACORP
CITY: MCINTOSH

STATION I.D.: OC-E1
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEAL#:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HASH:CASE#1214;ORG,S3,01314

REMARK: INORG,ROCKY MTN LAB,409012

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
*U-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1 2 00724

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PROVIMENT: NSF
SOURCE: OLIN CORP (CASE#1214) [REDACTED]
CITY: MCINTOSH [REDACTED] AL

STATION I.D.: UCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HYSK(CASE#1214;0NG+53+U1331
REMARK: INORG+ROCKY Mtn LAB+HUYUZY

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS ***

*****FOOTNOTES*****

*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1200125

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-PEG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PH: ELEMENT: NSF
SOURCE: ULTR. CORP (CASE#1214) TDS: 1000 AL
CITY: MCINTOSH

STATION I.D.: OCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#1214; ORG,S3,D1330
REMARK: INORG+ROCKY MTN LAB,MD9028

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAT-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*T-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

11200426

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

RESULTS
0.010UNITS
MOL/LPARAMETER
CYANIDESTORED ---
00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2251 SAMPLE TYPE: MUNIC

PROJECT #: 82-104 LASER 1214 ELEMENT: HSF
SOURCE: ULIN CUPR PLATE ALSTATION ID: OCHIKU
STREET ADDRESS: ALSAMPLE CONDITION: STAB DATE/TIME 09/09/82
SAMPLE CONDITION: STOP DATE/TIME 09/09/82 0COLLECTED BY: J KOPUTIC RECEIVED FROM: REC'D BY:
SAMPLE REC'D DATE/TIME 09/09/82 REC'D BY:
TREATED:CERTIFY: NAME CHEMIST:
ANALYTICAL METHOD:REMARK: CONTRACT/HHS/RLASE#1214;096,53-01329
REMARK: IRONG-MUCKY MTN LAM, NOV 27SAMPLE LOG VERIFIED BY: MAH
*****REMARKS**********NOTES*****
*A-ANALYZED *A-INTERFERENCES
*A-ANALYZED VALUE *A-NONDETECTIVE EVIDENCE OF PRESENCE OF MATERIAL
*ESTIMATED VALUE *A-NONDETECTIVE EVIDENCE OF PRESENCE OF MATERIAL
*ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*UNDETECTED MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

2 00127

200128

SAMPLE AND ANALYSIS NUMBER: 11/03/82
SAMPLE AND ANALYTICAL SYSTEM
*****ANALYTICAL RESULTS*****
RESULTS UNITS PARMATEK
0.010 M6/L CYANIDE
SPECIFIED ANALYSIS
DATA REPORTED EFFECT
CITY: MCINTOSH
SOURCE: OIL TIN CUP (LARGE)
PROJECT NO.: HC-164
RENT: NSF
STOCKER STATION NO:
SAMPLE COLLECTION: 310P DATE/TIME 09/05/82 0
SAMPLE COLLECTION: 310P DATE/TIME 00/00/00 0
COLLECTED BY: 0 REPOOLIC REC'D FORM: 0
SAMPLE: 00/00/00 REC'D BY:
SCEAU: 00/00/00 REC'D FORM: 0
CHEMIST: NAW CHEMIST
ANALYTICAL METHOD:

REMARKS: CONTAC/HACKER HN/LAH/MU328
SAMPLE DATE/TIME 00/00/00 REC'D FORM: 0
COLLECTED BY: 0 REPOOLIC REC'D FORM: 0
SAMPLE COLLECTION: 310P DATE/TIME 09/05/82 0
SAMPLE COLLECTION: 310P DATE/TIME 00/00/00 0
SCEAU: 00/00/00 REC'D FORM: 0
CHEMIST: NAW CHEMIST
ANALYTICAL METHOD:

DATA: 00/00/00 REC'D FORM: 0
COLLECTED BY: 0 REPOOLIC REC'D FORM: 0
REMARKS: CONTAC/HACKER HN/LAH/MU328
SAMPLE DATE/TIME 00/00/00 REC'D FORM: 0
COLLECTED BY: 0 REPOOLIC REC'D FORM: 0
SAMPLE COLLECTION: 310P DATE/TIME 09/05/82 0
SAMPLE COLLECTION: 310P DATE/TIME 00/00/00 0
SCEAU: 00/00/00 REC'D FORM: 0
CHEMIST: NAW CHEMIST
ANALYTICAL METHOD:

00720

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESTD-IV

RESULTS UNITS PARAMETER

STOKE#-----
00720-----

0.000 MG/L CYANIDE

11/03/82
SPECI^L ANALYSIS
DATA REPORTING SHEET
NAME:

SAMPLE NO.: 82C2249 SAMPLE TYPE: MINERAL

PROJECT NO.: 82-1042-1211 ELEMENT: HS
SOURCE: OIL, COPPER LEAD & IRON
CITY: MC LATHAN ALSTATION ID#: UC4940
STATION NO:

SAMPLE COLLECTION DATE/TIME: 08/05/82 00:00:00

SAMPLE COLLECTOR: SPUR DATE/TIME: 00/00/00 00:00:00

COLLECTOR NAME: J KUPRICK
SAMPLE RECEIVED DATE/TIME: 00/00/00 00:00:00 REC'D BY:

SAMPLE DATE:

CHROMATOGRAPHIST:
ANALYTICAL METHOD:REMARKS: CONTRACT/HIGHWAY/CARLISLE/14000-3-01321
REMARKS: ROCKY MOUNTAIN LABS, INC.SAMPLE LOC. VERIF. BY: TBS DATA VERIF. BY: MAW
COOK MANAG. BY:

 * AVERAGE VALUE: ELEMENTAL ANALYSIS IS BASED ON THE TOTAL INTEGRITY OF PRESENCE OF MATERIAL
 * JET STREAM VALUE: ELEMENTAL ANALYSIS IS KNOWN TO BE LESS THAN VALUE GIVEN
 * TOTAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 * ELEMENTAL VALUE IS KNOWN FOR BOTH QUALITATIVE TESTS. THE NUMBER IS
 * THE MINIMUM DETECTION LIMIT. *

12 00129

RESULTS ANALYTICAL RESULTS.....
RESULTS UNITS mg/L CANTIDE .
RESULTS UNITS mg/L PHARMATECH

SAMPLE NUMBER: 4202244 SAMPLE DATE:

REPORTING SHEET
SAMPLE NUMBER: 4202244

TESTER:

WATER
LATA HERBERT JAMES SHEET

תְּהִלָּה וְעֹמֶד
בְּאַ-בְּשָׂרֵב וְבְּבָשָׂר
שְׁמַרְתָּ בְּנֵי יִשְׂרָאֵל

- 00720 -
STUHEI

*****ANALYTICAL RESULTS*****
RESULTS UNITS PHARMATECH M/L CYANIDE .00010

PROJECT NO. 32-154 PROBATE COURT, CHAMBERS 12 CITY OF MCINTYRE AL

4

SAMPLE NO.: H222248 TYPE: MUNIC

SPECIIFIEO ANALYSIS REPORTS SHEET

לְתַחְנָן גֶּתֶעַמְּגָן
בְּנֵי-בְּנֵי-קָרְבָּן לְבָן

24/01/11

45

DATA VERIFIED BY: NAW
SAMPLE LOG VERIFIED BY: TWA
REMARKS: GUNTHALT/HARICK/CASE#1214!UH6+3!U1326
REMARKS: LIUHG!HOLKY HTW LAR!MU3024

8

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— 1 —

BdA 1 37dW

THE BOSTONIAN

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPAT-ESDUREG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORED
00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: H202247 SAMPLE TYPE: MINERAL

PROJECT ID #: AC-104 PRINCIPAL ELEMENT: NSF
SOURCE: DEPT CORP (CASE#14) [REDACTED]
CITY: MCINTOSH AL [REDACTED]

STATION I.D.: DCNE3
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSR(CASE#14)ORG+S3+01325
REMARKS: THORG+ROCKY Mtn LAH+MU9023

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

- *A-AVERAGE VALUE *B-NOT ANALYZED *N=INTERFERENCES
- *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *F-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- *L-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1 2 00131

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESUONET IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORE T
00720

11/03/08

SPECIFIED ANALYSIS
DATA REPORTING SHEET

SAMPLE NO.: 86CC646 SAMPLE TYPE: MUNWL

PROJECT #: NC-164 P. ELEMENT: NSF
SOURCE: DEJET CORP (CASE# 164)
CITY: MCINTOSH : AL

STATION I.D.: UC-PHSD
STORE STATION NO:

SAMPLE COLLECTIONS: START DATE/TIME 08/04/82 00
SAMPLE COLLECTIONS: STOP DATE/TIME 00/00/00 00

COLLECTED BY: J. KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME: 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MARY CHEMIST:
ANALYTICAL METHOD:

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SAMPLE LOG VERIFIED BY: TSM DATA VERIFIED BY: MAW

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*A-AVERAGE VALUE *B-M-PUT ANALYZED *C-NAI-INTERFERENCES
 *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 *M-MATERIAL WAS ANALYZED FOR MUL. BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

1200132

4200133

SAMPLE NO.: 82C2245 SAMPLE TYPE: MUNICL

DATA REPORTING SHEET
SPECIFIED ANALYSIS

SAMPLE AND ANALYTICAL INSTRUMENT SYSTEM
EPA-ESD-HB-IV
ATMENS GROUP IV

RESULTS UNITS CYANIDE

*****ANALYTICAL RESULTS*****
STURGE 00720

STATION 1.0: 0CPH3
SAMPLE COLLECTION: START DATE/TIME 03/04/92 0
SAMPLE COLLECTION: STOP DATE/TIME 03/04/92 0
COLLECTED BY: J KOPUTIC DATE/TIME 00/00/00 RECEIVED BY:
SAMPLE: DATE/TIME 00/00/00 RECEIVED BY:

CHIEF: 11A CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRAC/HASHICASE12140R6+3+U1323
SAMPLE LOG WRITEUP BY: TAH DATA WRITEUP BY: HAW

*****DATA*****

*****-AVG/HG VALUE *****-HGT-AVERAGE *****-INTERFERENCES
*****-STIMATIC VALUE *****-HGT-CURRENT OF REFERENCE OF MATERIAL
*****-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*****-ACTUAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
*****-THE NUMBER OF REPLICATION LIMIT.

12.00135

11/03/82
SAMPLE NO.: 82C2243
SAMPLE TYPE: MOULD
DATA REPORTING SHEET
SPECIMEN ANALYSIS SYSTEM
SAMPLE AND ANALYSIS HIGHLIGHTS
RESULTS UNITS PHARMACEUTICAL
0.010 mg/L CYANIDE

SAMPLE COLLECTION SITE DATE/TIME 08/04/82 0
SAMPLE COLLECTOR: STAFF DATE/TIME 08/08/82 0
SAMPLE RECEIVED DATE/TIME 00/00/00 0 REC'D BY:
SAMPLE CODE: 00000000000000000000000000000000
CHARTIST: MAX CHARTIST:
FINAL TIC: 00000000000000000000000000000000
REMARKS: COUNTERTOP/HARDCASTLE LAB, ADG919
REMARKS LOG RELEASER BY: TBS DATA RELEASED BY: MAX
8944-EL1101005899
*****ANALYTICAL RESULTS*****
34-AVERAGE VALUE 37A-HIGHLIGHTED DIFFERENCE OF PRESENCE OF MATERIAL
34-STIMULATE VALUE 37A-HIGHLIGHTED DIFFERENCE OF PRESENCE OF MATERIAL
34-ACUTAL VALUE IS UNKNOWN TO BE LESS THAN VALUE GIVEN
34-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE NUMBER OF DETECTION LIMIT.

1200136

SA-MLE NO.: 8222242 SA-MLE TYPE: JOURNAL

DATA REPORTS SHEET
SAMPLE ANALYTICAL RESULTS

SAMPLE AND ANALYTICAL INSTRUMENT SYSTEM
E&G-ESD SYSTEM IV

RESULTS UNITS PARENTHESIS
0.010 MG/L CYANIDE
STORED

11/03/82

PROJECT NO.: 82-154 SAMPLE NUMBER: 154
CITY: MCINTOSH
STATE: AL

SAMPLE COLLECTION DATE/TIME: 03/04/82
SAMPLE COLLECTION DATE/TIME: 03/04/82
SAMPLE NUMBER: 0
SAMPLE NUMBER: 0

STATION 1.0: OCWA
STATION 1.0: OCWA

COLLECTED BY: J. KOPUTIC REC'D BY: 00/00/00
COLLECTED BY: J. KOPUTIC REC'D BY: 00/00/00

CHARGE: COUNTRAC/HARICASEL4:01H63:01320
REMARKS: INORGANIC NIN LAM: 109018

SHIP TO: LOS ANGELES HY: TIR DATA VERIFIED BY: NAW
SHIP TO: LOS ANGELES HY: TIR DATA VERIFIED BY: NAW

RECEIVED BY: HKR999

444-00700-TR5999
444-AVERAGE VALUE: 0.010 TOTAL ANALYZED: 0.010 PRECISION OF MATERIAL
444-ESTIMATE VALUE: 0.010 TOTAL 10 BE LESS THAN VALUE GIVEN
444-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
444-MATERIAL WAS ANALYZED FOR BOTH TOTAL DETERGED. THE NUMBER IS
444-12

12 00137

SAMPLE ID: ANALYSIS NUMBER: SY525A
SAMPLE AND ANALYTICAL RESULTS*****
RESULTS UNITS PAMATEK
0.010 MG/L CYANIDE
STORED 00720

11/03/82 SAMPLE NO.: 82C2241
DATA REPORTS SHEET
SPECIESED ANALYSIS
CITY: MCINTOSH AL
PROJECT NO.: 82-164 PROJ. #12430H6-5301319
SUPPORT: 9074 CCRP CASE#12430H6-5301319
STATION 1.0: UC464
SAMPLE COLLECTION: START DATE/TIME 08/03/82
COLLECTED BY: J RUBBLE DATA/FNAME 00/00/00 REC'D BY:
SAMPLE: CYANIDE DATA/FNAME 00/00/00 0
STORAGE: STATION NO.:
CHEMIST: NAW CHEMIST:
REMARKS: CYANIDE/HYDROXY NIT LAR/M09017
SAVING LOG WRITE ID BY: TAD DATA WRITE ID BY: HAA
SAVING: 1103813938

999F00T015 5999
CA-AVERAGE VALUE ANALYSIS NUMBER OF ANALYSIS
03-ESTIMATED VALUE IS DUE TO THE SIMILAR HIGH VALUE GIVEN
01-ACTUAL VALUE IS DUE TO THE SIMILAR HIGH VALUE GIVEN
01-MATERIAL WAS MAILED TO THE BOLDFED. THE NUMBER IS
THE MINIMUM DELIVERY LINE.

200138

SAMPLE NO.: R2C2240 SAMPLE TYPE: MUNAL

DATA REPORTING SHEET
SPECLIE ANALYSIS

RESULTS UNITS PHARMACEUTICALS

SAMPLE AND ANALYTICAL SYSTEM

RESULTS UNITS PHARMACEUTICALS
0.010 mg/l CYANIDE

STOKEI
00720

11/03/82

REPORT NO.: R2-164 PERTURBENT: NSP
SUPPORT: DEPT CORP (CASTER)
CITY: MCLEANS
SAMPLE DATE/TIME: 08/03/82
STOPPED DATE/TIME: 08/03/82
SAMPLE COLLECTION: START DATE/TIME 08/03/82
COLLECTED BY: J. KOPITIC DATE/08/82 RECD BY:
SAMPLE RECEIVED DATE/08/82 RECD FORM:
CHIEF: LANA LICHEN
REMARKS: CONTRAST/HYSR:CA5E#1214;OHG;S3;D1318
SAMPLE LOG VERIFIED BY: TBA DATA VERIFIED BY: NAA
SAMPLE NUMBER: 3344

TEST OUTDATE: 5/96
3-AVAILABLE VALUE: 0.010 ANALYZED 0.010
4-DISTINCT VALUE IS KNOWN TO BE LESS THAN VALUE OF MATERIAL
4-E-ACUITY VALUE IS KNOWN TO BE GREATER THAN VALUE OF MATERIAL
4-E-MATERIAL WAS ANALYZED FOR 601 UNIT DILUTION.
THE NUMBER IS THE MINIMUM DILUTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

ERA-FSUONET IV

ATHENS VERGOUA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETERS

STORE T
00720

11/11/32

SPECIFIED ANALYSIS
DATA REPORTING SHEET

SAMPLE NO.: 88CC2239 SAMPLE TYPE: MUNNL

PROJECT #: 62-164 PHM ELEMENT: KSF
SUBJECT: OIL IN COPP (CASE #16)
CITY: MCINTOSH AL

STATION I.D.: UC-4P12U
STORET STATION NO:

SAMPLE COLLECTIONS: START DATE/TIME 08/03/02 00
SAMPLE COLLECTIONS: STOP DATE/TIME 00/00/00 00

COLLECTED BY: J. ROMMIE RECEIVED FROM:
SAMPLE PERIOD: DATE/TIME: 00/00/00 0 REC'D BY:
SEALED:

**CHEMIST: HAW CHEMIST:
ANALYTICAL METHODS:**

REMARK: CONTHALC/HWSK:CASE#1214:URG+S3+U1317
REMARK: ILLINOIS, ROCKY MTN LAM, MD9015

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: HAB

Digitized by srujanika@gmail.com

FOOT-OUT
A-AVERAGE VALUE B-IN-OUT ANALYZED C-IN-INTERFERENCES
D-ESTIMATED VALUE E-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
F-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
H-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

200139

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATLANTA, GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORED
00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2230 SAMPLE TYPE: MINWL

PROJECT NO.: 82-164 PH: ELEMENT: NSF
SOURCE: DR. J. R. KOPOTIC (AERONAUTICAL)
CITY: ATLANTA, GA AL

STATION I.D.: 00-SP12
STORED STATION ID:

SAMPLE COLLECTION: START DATE/TIME 00/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J. KOPOTIC RECEIVED FROM:
SAMPLE RECEIVED DATE/TIME 00/00/00 0 RECEIVED BY:
SEARCHED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;DRG+S3+01316
REMARK: INHAB, ROCKY MTN LAH, 109014

SAMPLE LOG VERIFIED BY: TBS DATA VERIFIED BY: MAW

REMARKS: 300

FOOTNOTES
*A=AVGAREAGE VALUE *B=NOT ANALYZED *C=INTERFERENCES
*D=ESTIMATED VALUE *E=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*F=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*G=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*H=MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1200140

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-LSI/REG IV
ATLANTA, GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORNET
00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: MUNWL

PROJECT NO.: DC-104 PHOTOCHEMIST: NSF
SOURCE: ULTRACORP (CASE#121) DATE: 11/03/82
CITY: MCINTOSH

STATION I.D.: OC-E2
STORNET STATION NO.:

SAMPLE COLLECTIONS: START DATE/TIME 00/00/00 0
SAMPLE COLLECTIONS: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMISTS: HAW CHEMISTS:
ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSR;CASE#1214;ORG-S3-01315
REMARKS: INORG,ROCKY MTN LAMS-MD9013

SAMPLE LOG VERIFIED BY: TAB DATA VERIFIED BY: HAW

REMARKS: See

*****OUTLINES*****

OUTLINES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

2 00141

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD+HEG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 ELEMENT: NSF
SOURCE: OLIN CORP DATE: AL
CITY: MCINTOSH

STATION I.D.: UC-EI
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/MWSR;CASE#1214;ORG.S3.U1J14
REMARK: INORG.RUCKY MTN LAH.M09U12

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1 2 00142

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD/HEG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORED
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 P MENT: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH AL

STATION I.D.: UC-E2
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSK;CASE#1214;ORG,SJ,DIS15
REMARK: INORG,ROCKY MTN LAYS,MD9013

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES***
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1200143

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATLANTA, GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2238 SAMPLE TYPE: MUNWL

PROJECT NO.: H2-164 PROJ. ELEMENT: NSF
SOURCE: ULTRACORP (CASE#1214) CITY: MCINTOSH AL

STATION I.D.: UC-MP12 STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG.S3,01316
REMARK: INORG.ROCKY MTN LAB,MD9014

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
- *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1200144

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESU-HEG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2234 SAMPLE TYPE: MONWL

PROJECT NO.: SC-164 PHOTOCHEMISTS: NST
SOURCE: ULTRACORP LASER#121
CITY: MCINTOSH AL

STATION I.D.: UC-MP120
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSH:CASE#1214+ORG+S3+D1317

REMARK: INOKG+KOCY MIN LAB+MDY015

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
- *E-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

11-2 00145

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

*****ANALYTICAL RESULTS*****

STORED
00720

11/02/82 SPECIFIED ANALYSIS
 DATA REPORTING SHEET
 WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONW

PROJECT NO.: 82-104 INSTRUMENT: NSF
SUBJECT: OLIN CORP (LAST 12 MONTHS)
CITY: MCINTOSH
STATE: AL

STATION ID: OC-LP1
STATION NUMBER:

SAMPLE COLLECTION: STATION DATE/LIMIT 08/03/82
SAMPLE COLLECTION: STATION DATE/LIMIT 08/03/82

COLLECTOR/RECEIVER: J. KOPPICK REC'D FROM: J. KOPPICK

SAMPLE REC'D: DATE/TIME 08/02/82 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HBPCASE#1214:086-3.011018
RE MARK: INHOC-HOCKY MIN LAB, MUSGOLB

SAMPLE LOG VERIFIED BY: TDB DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****

*A-ANALYST VALUE *B-AUTOMATIC-INTERFACES
*J-TESTIMONIAL VALUE ON-PRECIPITATE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

112 00146

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-HRG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

**STORE T
00720**

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C224] SAMPLE TYPE: MONWL

PROJECT NO.: 06-164 ELEMENT: INS
SOURCE: OLIN CORP (CASEN)
CITY: MCINTOSH STATE: AL

STATION I.D.: OCNE4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 00
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 00

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 U REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARKS: CONTRACT/HW3R;CASE#1214;ORG,S3,DIS19
REMARKS: INORG,ROCFY MTN LAB,MO9017

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: NAM

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FOUNDTURES
 *A-AVERAGE VALUE *NAI-NOT ANALYZED *NAI-INTERFERENCES
 *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

12.00:47

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESU-REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER

STORE T
00720

11/05/02

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WAFFL

SAMPLE NO.: 82C224c SAMPLE TYPE: MUNL

PROJECT NO.: NC-164 PHOTOMATERIALS SOURCE: OLIN CORP (LAST #12) MENT: NSF CITY: MCINTOSH

STATION I.D.: 0CWWB
STOTT STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 U REC'D BY:
SEALED:

CHEMIST: HAN CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/MWSR;CASE#1214;ORG,S3,U1320

REMARK: INORG. ROCKY Mtn LAB, MDY018

SAMPLE LOG VERIFIED BY: IBA DATA VERIFIED BY: MAW

ИАНКС

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *NI-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG V
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MUNNL

PROJECT NO.: 82-164 PM: 1000 AGENT: NSF
SOURCE: OLTR COMP (CASE#1214) AL
CITY: MCINTOSH

STATION I.D.: UCWP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARKS: CONTRACT/HWSR;CASE#1214;0R0;S3;D1321
REMARKS: INHKG-RICKY MTN LAB;MD9019

SAMPLE LUG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
- *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

1 2 00149

11/02/92

SOURCE: ULC-104 (CASE # [REDACTED]) ELEMENT: NSF

CITY: MCINTOSH STATE: AL

STATION ID.: OCRE2

SAMPLE: COLLECTOR: START DATE/TIME 08/04/92 0

SAMPLE: COLLECTOR: STOP DATE/TIME 08/04/92 0

SAMPLE: COLLECTOR: DATE/TIME 00/00/00 RECEIVED FROM: [REDACTED]

SEAL#:

REMARKS: CONTRACT/HARVEST/1244046, S3, U1322
HFMARK: INORG/ROCKY MTN LAH, MO9020

SAMPLE LOG VERIFIED BY: TRH DATA VERIFIED BY: MAW

REMARKS: [REDACTED]

ANALYTICAL METHOD: CHEMIST:

CHMIST: MA

SAMPLE NO.: 82C2244 SAMPLE TYPE: MONO

DATA REPORTING SHEET
SPECIFIED ANALYSIS

SAMPLE AND ANALYSIS MANUFACTURER
P.O.-ESD/REC 1V
ATHENS GEORGIA

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE
STORED
00720

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: B2C2245 SAMPLE TYPE: MUNWL

PROJECT NO.: BC-104 P_H ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214) STATE: AL
CITY: MCINTOSH

STATION I.D.: UCPH3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/PWSR(CASE#1214)ORG,SJ,D1323
REMARK: INORG,ROCKY MTN LAH,MU9021

SAMPLE LOG VERIFIED BY: TDB DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
- *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

1200151

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORED
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 PH: 7.0 ELEMENT: NSF
SOURCE: ULIN CORP (CASE#1214) AL
CITY: MCINTOSH AL

STATION I.D.: OC-PH30
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,U1324
REMARK: INORG.HUCKY MTN LAB.MU9022

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1 2 08152

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NU.: 82C2247 SAMPLE TYPE: MUNWL

PROJECT NO.: H2-164 ELEMENT: NSF
SOURCE: OLIN CORP (LASER) CITY: MCINTOSH
STATE: AL

STATION I.D.: UCWE3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,01325
REMARK: INORG,ROCKY MTN LAB,MD9023

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1 2 00153

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

STOKEST
00720

SAMPLE NO.: 82C2248 SAMPLE TYPE: MUNIC

PROJECT NO.: 82-164 ELEMENT: NSF
SOURCE: OLIN CORP (CASE#) CITY: MCINTOSH
STATE: AL

STATION I.D.: OCWP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR; CASE#121480HG,S3,01326
REMARK: INORG,HUCKY MTN LAB,MD9024

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: MAW

REMARKS

OUTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1 2 00154

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

11/02/82

RESULTS
6.01UUNITS
MG/LSTORED
00720

*****ANALYTICAL RESULTS*****

SPECIMEN ANALYSIS

DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MINERAL

PROJECT NO.: 82-104 ELEMENT: NSF

SOURCE: OIL IN CUMULUS CLASTIC SEDIMENT: AL
CITY: MCINTOSHSTATION ID: UCMPH4
STATION NO:SAMPLE COLLECTION: START DATE/TIME 08/05/82
SAMPLE COLLECTION: STOP DATE/TIME 08/05/82 0COLLECTED BY: J KUPUTIC REC'D FROM: 0
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:
SEALED:CHMIST: MAW CHEMIST:
ANALYTICAL METHOD:REMARK: CONTRACT NUMBER: 14:000-33-0121
REMARK: INORGANIC ROCK LAB, MO9025

SAMPLE LUG VERIFIED BY: MAW DATA VERIFIED BY: MAW

REMARKS**

*****FUTURE USE*****
NOT ANALYZED-INDEFINITES MATERIAL***ESTIMATED VALUE***-INDEFINITIVE EVIDENCE OF PRESENCE OF MATERIAL
***ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
***MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

12 00155

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

RESULTS UNITS PARAMETER
0.01U MOL CYANIDE

STORED

00720

*****ANALYTICAL RESULTS*****

11/02/82
SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MUNL

PROJECT NO.: 82-104 ELEMENT: NSF

SOURCE: U.S. IN COKE CAST # [REDACTED]
CITY: MCINTOSH

STATION/STATION NO: [REDACTED]
AL

SAMPLE COLLECTION: START DATE/TIME 08/02/82
SAMPLE COLLECTED BY: J KUPRICK

SAMPLE REC'D: DATE/TIME 08/04/82 RECEIVED BY:
EALTED:

CHEMIST: "MA" CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CAST#1214;000053,01328
REMARK: INONG ROCKY MTN LAB, MD 9026

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: MAW
REMARKS

DEFINITIONS
*AVERAGE VALUE: AVERAGE VALUE ANALYZED
*ESTIMATED VALUE: AN-PERCENTATIVE ESTIMATE OF PRESENCE OF MATERIAL
*MINIMUM VALUE: IS KNOWN BUT LESS THAN VALUE GIVEN
*U-MATERIAL: WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

12 00156

STORED

*****ANALYTICAL RESULTS*****
RESULTS UNITS: MG/L CYANIDE
0.010

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-RIG-IV
A1HENS OF RIG-IV
11/02/82

SAMPLE NO.: R2C2251 SAMPLE TYPE: MONAL

DATA REPORTING SHEET
SPECIFIC ANALYSIS

CITY: MCINTOSH
PROJECT NO.: R2-169 SOURCE: OIL IN GROUND (CASE#1)
ELEMENT: NSF

STATION ID.: UCBBHU

SAMPLE COLLECTION: START DATE/TIME 08/05/82 STOP DATE/TIME 08/05/82
COLLECTED BY: J KOPITZI RECEIVED BY: 00/00/00 REC'D BY:
SAMPLE RECEIVED BY: 00/00/00 REC'D BY:

ANALYST: MAX CHEMIST
CHEMIST: MAX CHEMIST:

REMARKS: CONTRACHT/HWSHICASEL12430HG, S3, 01329
SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: MAX

REMARKS

FOOTNOTES
•AVERAGE VALUE •MA-NOT ANALYZED •NANL-INTERFERENCES OF MATERIAL
•N-ESTIMATED VALUE •N-REFL SUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
•N-MATERIAL WAS ANALYZED FOR HUT NOT DEFECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

2 00157

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.01U MG/L CYANIDE

STORED
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MUNWL

PROJECT NO.: M2-164 ELEMENT: NSF
SOURCE: OLIN CORP (CASE#) [REDACTED]
CITY: MCINTOSH AL

STATION I.D.: OCWPM3
STATION STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/00/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD: 1

REMARK: CONTRACT/HWSN;CASE#1214;URG,S3,U1330

REMARK: INORG,ROCKY MTN LAB,MD9028

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
- *E-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

1 2 00158

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIUE

STORET
00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NU.: 82C2253 SAMPLE TYPE: MUNWL

PROJECT NO.: 82-164 ELEMENT: NSF
SOURCE: ULIN CORP (CASE#) [REDACTED]
CITY: MCINTOSH AL

STATION I.D.: UCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/02 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HASH/CASE#121410RG.S3,01331
REMARK: INORG,RUCKY MTN LAB,MD9029

SAMPLE LUG VERIFIED BY: THH DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

- *A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
- *E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

1200159

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, PFG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

BIORET
00720

01/05/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

SAMPLE NO.: R2C2254 SAMPLE TYPE: MONWL

PROJECT NO.: R2-164 PROG. NO.: 100-1000-100-100-100
SOURCE: ULIN CORP (CASE#1214) CITY: MCINTOSH

STATION ID: DC-ULI
BIORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME: 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME: 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM: ID RYI
SAMPLE REC'D DATE/TIME: 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARKS: CONTRACT/H=SR; CASE#1214; ORG, 83, D1332

REMARKS: INOKG, ROCKY MTN LAB, MD9010

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****

- *A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
- *J=ESTIMATED VALUE *P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- *K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- *U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

12-00160